Volume:
1987
Fall Semester
2nd Edition

SCHEDULE OF CLASSES

The University of Maryland College Park Campus

Second Edition, Fall 1987

HISTORICAL MANUSCRIPTS & ARCHIVES DEPT.
McKELDIN LIBRARY
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD. 20742

University Book Center

Your Used Book HEADQUARTERS

VISA, MASTERCARD
& CHOICE ACCEPTED

Textbook Number
454-3225

Recorded Store
Information Number
454-3222

UNIVERSITY BOOK CENTER
Lower Level
Stamp Union

Regular Store Hours:
Sun. 12-5pm
Mon.-Fri. 8:30am-7:30pm
Sat. 9am-5pm
We have Extended Hours
for the Opening of School

INTENTIONAL SECOND EXPOSURE

SCHEDULE OF CLASSES

The University of Maryland College Park Campus

Second Edition, Fall 1987

HISTORICAL MANUSCRIPTS & ARCHIVES DEPT
McKELDIN LIBRARY
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD. 20742

University Book Center

Your Used Book HEADQUARTERS

VISA, MASTERCARD
& CHOICE ACCEPTED

Textbook Number
454-3225

Recorded Store
Information Number
454-3222

UNIVERSITY BOOK CENTER
Lower Level
Stamp Union

Regular Store Hours:
Sun. 12-5pm
Mon.-Fri. 8:30am-7:30pm
Sat. 9am-5pm
We have Extended Hours
for the Opening of School

IMPORTANT REGISTRATION DATES FOR ALL STUDENTS — PAGE 6
GRADUATE STUDENTS — SEE PAGES 6 & 7

Table of Contents

REGISTRATION INFORMATION
Calendar ... 2
Consortium of Universities of the Washington Metropolitan Area ... 9
Faculty-Staff Registration Procedures ... 9
Frequently Called Numbers ... 2
Graduate Student Registration Procedures ... 7
Graduate Student Procedure Chart ... 8
Doctoral Students — Continuous Registration ... 7
Graduate Student Refund Schedule for Dropping Courses ... 7
Graduate Students — Summary of Fall Deadlines ... 7
Important Registration Dates — All Students ... 6
Remission of Tuition for Faculty and Staff ... 9
Schedule Adjustment Procedures ... 6
Teacher's Registration ... 9
Undergraduate Registration Procedures ... 6
Vehicle Registration ... 7
DEADLINES — FOR ALL STUDENTS — SEE PAGE 10
Cancellation of Registration ... 10
Candidates for December 1987 Graduation ... 10
In-State Students ... 10
Penalties for Drops During Schedule Adjustment ... 10
Reclassification to In-State Status ... 10
Summary of Fall 1987 Deadlines ... 10
FINANCIAL INFORMATION — FEE CHART SEE PAGE 11
Billing Information ... 11
Cancellation of Residence Hall and/or Meal Plan Agreement ... 12
Fees for Fall 1987 ... 11
Financial Aid Information ... 12
Guaranteed Student Loan (GSL) Information ... 12
Housing (On-Campus) Credit Adjustment Schedule ... 12
Mandatory Fees ... 11
Meal Plan Rates and Credit Adjustment Schedule ... 12
Other Fees ... 11
Remission of Fees (Faculty/Staff) ... 11
Refunds for Special Courses (CHEM 001, COOP 098/099, ENCO 098/099, ENGL 001, MATH 001) ... 12
Refund Requests ... 12
Tuition, Fees and Other Expenses ... 11
Tuition Waiver Policy ... 11
Withdrawal From the University — Procedures
Dates — Refund of Tuition for Withdrawal from ALL Courses ... 12
Cancellation of Residence Hall and/or Meal Plan ... 12
Credit Adjustment Schedules — Residence Hall & Meal Plan ... 12
GENERAL INFORMATION
Academic Dishonesty ... 13
Change of Address Procedure ... 13
Change of Name Procedure ... 13
Commencement Honors ... 13
Computer Science Center ... 13
Disabled Student Services ... 13
Emergency Weather Conditions ... 14
Engineering Jobs Hotline ... 14
Experiential Learning Programs ... 14
Final Examination Schedule ... 13
General University Requirements ... 22
Golden ID Program ... 14
Guidelines to Administration of Examinations & Tests on Religious Holidays ... 14
Health Center ... 14
Identification Cards ... 16
International Student Information ... 16
Job Referral Service ... 16
Learning Assistance Service ... 16
Libraries at UMCP ... 16
National Student Exchange ... 14
Off-Campus Housing Service ... 16
Office of Public Service ... 20
Policy on Non-Discrimination ... 16
Returning Students Program ... 16
Sexual Harrassment ... 16
Shuttle-UM ... 16
Skills for Success Workshops ... 16
Smoking Policy ... 16
Study Abroad ... 16
Tel-UM Information ... 18
Term Paper Workshops ... 18
Transcript Services ... 18
Tutorial Programs ... 18
UMaps ... 18
UMCP Human Relations Code ... 18
University College Students ... 18
University Policy on Disclosure of Records (Buckley) ... 18
Veterans Benefits ... 18
ACADEMIC/ADVISEMENT INFORMATION
Course Numbering System ... 21
College Locations & Deans ... 20
College Organization Chart ... 20
Graduate Students Academic Information ... 21
Graduate Advisement ... 21
Graduate Computing Units ... 21
Graduate Full-Time Status ... 21
Graduate Program Changes ... 21
Undergraduate Students Academic Information ... 21
Advanced Studies Approved Courses ... 25-27
Advisement ... 21
Advisor Listing ... 21-22
Credit by Examination ... 23
Credit Limits (Semester) ... 23
Distributive Studies Approved Courses ... 24-25
Drop Period Policy (Under Adding/Dropping) ... 23
Foreign Language Placement ... 23
Full-Time Status ... 23
Major Changes ... 24
Pass-Fail Grading Option — U.G. Students Only ... 24
Requirements for Satisfactory Academic Progress ... 23
U.G. Student Classifications ... 24
University Studies Program ... 24
Zero Level Courses ... 24
WHAT'S NEW AND INTERESTING ... 28-29
COURSE LISTINGS ... 31-74
CAMPUS MAP ... 41

Services Available During Registration

Disabled Student Services

Provisions are available for special assistance for students with disabilities. For further information contact the Disabled Student Services Office on x5028 (voice) or x5029 (Tdd).

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. Extension X3645.

Name and Address Changes

It is important to keep the University informed of accurate address and name information. This is necessary to insure receipt of University information and materials in a timely fashion. See page 13 for further procedures.

University Calendar 1987-88

Fall Semester 1987

SEPTEMBER
2 —Wednesday — FIRST DAY OF CLASSES
7 —Monday — LABOR DAY HOLIDAY
16 —Wednesday — **ALL UNDERGRADUATE AND GRADUATE STUDENTS.** LAST DAY TO SUBMIT DIPLOMA APPLICATION FOR DECEMBER 1987 GRADUATION TO THE REGISTRATIONS COUNTER, LOBBY, NORTH ADMINISTRATION
21 —Monday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMITTING FORM REQUESTING APPOINTMENT OF DOCTORAL EXAMINING COMMITTEE TO THE GRADUATE SCHOOL
24-25 —Thursday, Friday — ROSH HASHANAH
OCTOBER
3 —Saturday — YOM KIPPUR
12 —Monday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: APPROVED PROGRAM FORM; MASTER'S THESIS EXAMINING COMMITTEE FORM
NOVEMBER
26-29 —Thursday to Sunday — THANKSGIVING RECESS
DECEMBER
2 —Wednesday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: TWO FINAL, ACCEPTABLE COPIES OF THE COMPLETED DISSERTATION; THE SIGNED DOCTORAL ORAL EXAMINATION COMMITTEE REPORT; DOCTORAL SURVEY; MICROFILM CONTRACT
9 —Wednesday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: THE SIGNED THESIS EXAMINING COMMITTEE REPORT; ONE FINAL, APPROVED COPY OF THE MASTER'S THESIS OR FORM CERTIFYING NON-THESIS OPTION
11 —Friday — LAST DAY OF CLASSES
14-21 —Monday-Monday — FINAL EXAMINATIONS
22 —Tuesday — COMMENCEMENT

Spring Semester 1988

JANUARY
25 —Monday — FIRST DAY OF CLASSES
FEBRUARY
5 —Friday — LAST DAY TO SUBMIT DIPLOMA APPLICATIONS FOR MAY 1988 GRADUATION TO THE REGISTRATIONS COUNTER, LOBBY, NORTH ADMINISTRATION
15 —Monday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMITTING FORM REQUESTING APPOINTMENT OF DOCTORAL EXAMINING COMMITTEE TO THE GRADUATE SCHOOL
MARCH
4 —Friday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: APPROVED PROGRAM FORM; MASTER'S THESIS EXAMINING COMMITTEE FORM
14-20 —Monday-Sunday — SPRING RECESS
APRIL
27 —Wednesday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: TWO FINAL, ACCEPTABLE COPIES OF THE COMPLETED DISSERTATION; THE SIGNED DOCTORAL ORAL EXAMINATION COMMITTEE REPORT; DOCTORAL SURVEY; MICROFILM CONTRACT
MAY
4 —Wednesday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE SCHOOL: THE SIGNED THESIS EXAMINING COMMITTEE REPORT; ONE FINAL, APPROVED COPY OF THE MASTER'S THESIS OR FORM CERTIFYING NON-THESIS OPTION
12 —Thursday — LAST DAY OF CLASSES
13 —Friday — EXAM STUDY DAY
14-21 —Saturday-Saturday — FINAL EXAMINATIONS
24 —Tuesday — COMMENCEMENT (tentative)
30 —Monday — MEMORIAL DAY HOLIDAY

SEPTEMBER 16th IS THE LAST DAY TO:

- **ADD A COURSE**
- **DROP A COURSE (WITHOUT A "W")**
- **CHANGE CREDIT LEVEL**
- **CHANGE GRADING OPTION**
- **APPLY FOR A DECEMBER 1987 DIPLOMA**
- **PROCESS A LATE REGISTRATION**

IF YOU FIND THE PRINT IN THE SCHEDULE OF CLASSES DIFFICULT TO READ THE FOLLOWING RESOURCES ARE AVAILABLE ON CAMPUS:

HORNBAKE LIBRARY INFORMATION DESK — ASK FOR MAGNIFICATION LENS

HORNBAKE LIBRARY STUDY ROOM FOR THE VISUALLY IMPAIRED — (IN PERIODICAL ROOM, 2nd FLOOR) VISUALTEK MACHINE (MAGNIFIES PRINT) IS AVAILABLE. TO OBTAIN AUTHORIZATION FOR THE KEY TO ROOM CALL DISABLED STUDENT SERVICES, 454-5028.

SHOEMAKER BUILDING — VISUALTEK MACHINE IS AVAILABLE FROM DISABLED STUDENT SERVICES. STAFF ALSO OFFERS READING ASSISTANCE. CALL THEIR OFFICE AT 454-6460 FOR INFORMATION.

Frequently Called Numbers

DEPARTMENT	PHONE NUMBER
ADMISSIONS	454-5550
BURSAR'S OFFICE	454-4832
COUNSELING CENTER	454-2931
DINING SERVICES	454-4106
GRADUATE ADMISSIONS	454-3141
GRADUATE RECORDS	454-5428
HORNBAKE LIBRARY	454-4737
McKELDIN LIBRARY	454-2853
REENROLLMENT	454-2734
REGISTRATION APPOINTMENT	454-7950
REGISTRATION INFORMATION	454-5559
RESIDENT LIFE	454-2711
STUDENT UNION	454-2801
WITHDRAWAL	454-3031

The **SECOND EDITION** of the Schedule of Classes should be used prior to the beginning of classes. The Second Edition reflects room, time and instructor changes made to course offerings since the First Edition was printed. It shows courses and/or sections added and omits courses and/or sections deleted since the First Edition.
The **FIRST EDITION** of the Schedule of Classes should be used only **DURING EARLY REGISTRATION.** As they occur, revisions will be posted on the 1st Floor of the North Administration Building.

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, North Administration Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

The provisions of this publication are not to be regarded as an irrevocable contract between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

T-SHIRT FACTORY, INC.

7301 BALTIMORE AVE COLLEGE PARK, MD 20740 (301) 864-0312

T-SHIRTS

OUR NAME, OUR BUSINESS

★ ADVERTISING DIRECTORY ★

ADVERTISER	PHONE #	PAGE
ADVANCED TECHNOLOGY NETWORKS	937-3605	77
BANANA'S, INC.	277-4500	3
BETHESDA CINEMA & DRAFT HOUSE	656-3337	4
DELUXE BUDGET INN	474-0003	4
DINING SERVICES	454-4141	30
Dr. SCHATZ	277-6100	5
Dr. STANLEY BRAGER	927-2500	4
EARL'S PHILLY HOAGIES	474-0102	4
END OF THE ROLL CARPETS	434-3553	77
FAMISHED FANNY'S	474-2333	79
FOOD COOP	454-5868	76
GOODFRIEND TEMPORARIES	982-7030	4
GREENWICH WOODS APARTMENTS	434-0025	15
HAAGEN DAZS	864-4000	4
HI-TEC COMPUTERS & ELECTRONICS	474-1200	78
IBEX REVIEW COURSES	340-3005	4
INTERNAT'L TELEMKTING SERVICES, INC.	796-0600	78
ITALIAN INN	772-2100	77
KIM'S CLEANERS & TAILORS	345-5115	4
KINKO'S	277-7543	79
MARYLAND BOOK EXCHANGE	927-2510	80
NAVY OFFICER PROGRAM	436-2012	76
OAKTON APARTMENTS	434-4303	17
PARTY PALACE	572-7976	4
PLANNED PARENTHOOD	347-8500	15
PLAZA TOWERS	559-9100	78
ROTH THEATERS	927-4848	4
SOVRAN BANK	454-8475	17
STAMP UNION	454-2807	19
STANLEY H. KAPLAN	244-1456	76
STUDY ABROAD OFFICE	454-8645	75
SURPLUS PLUS	946-5547	4
T.J. CINNAMONS BAKERY	345-4986	79
T-SHIRT FACTORY	864-0312	3
THE WINNING TOUCH	441-8502	4
UNIVERSITY BOOK CENTER	454-3222	1, 40
WASHINGTON CAPITALS	386-7000	78
YOGURT JUNGLE	441-3533	5

FOR ADVERTISING INFORMATION
PLEASE CALL RISA SEILER
454-4168

FOR STYLE THAT MAKES A STATEMENT!

BANANAS INCORPORATED

HAIR DESIGN
277-4500

7417 BALTIMORE BLVD
COLLEGE PARK, MD

$5.00 off
any pair of shoes
This coupon not valid with any other offer
Expires Dec. 1, 1987

10% to 50% off
Warm-up Suits
This coupon not valid with any other offer
Expires Dec. 1, 1987

GET THE TOUCH . . .
THE WINNING TOUCH
"The finest in athletic sportswear"
In the new Campus Village Center, next to the famous College Park Liquors

Choose from Adidas, Asahi, Asics-Tiger, Avia, I Ski, Keds, Nike, New Balance, Pony, Puma, Sancony, Spot-Bilt, Converse & Le Coq Sportif! Reebok, Fila, Ellesse, Champion Shoes & Sweats, Danskin Aerobicwear and much more.
Phone 301-441-8502
Open 7 Days a Week

MOVIES: 2 for 99¢
We show the pick of the flicks for just 99¢, seven days a week — and we're within easy walking distance, 3 blocks south of the campus.
With this **Welcome-Special Coupon** the price is **Two for 99¢** any Monday thru Thursday until September 24, 1987. Sorry, this coupon can't be combined with any other offer. Pay us a visit; you'll like what you see and hear, and you can't beat the price. Amen!
U.S. RTE. ONE (BALT. BLVD.) 927-4848
ROTH'S COLLEGE PARK
3 BLOCKS SOUTH OF MARYLAND UNIV.

Professional Dental Cleaning, Exam, and Bitewings only $25 (catering to cowards)
FEATURING
- Special plans for those without insurance
- All dental insurance plans
- Twilite sleep
- Laughing gas
- Cosmetic bonding

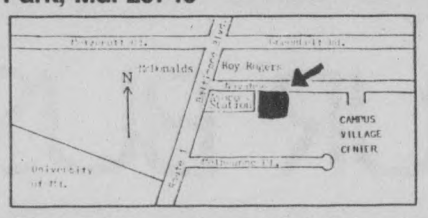
Evening and Saturday Hours Available
Yes . . . We Care
Dr. Stanley Brager
Executive Building Suite 405
7100 Baltimore Ave.
College Park, Md. 20740
Conveniently located
(3 blocks south of Univ. of Md.)
927-2500

DELUXE BUDGET INN
Tel: 474-0003
10% off
- New Rooms
- Color TV w/Remote
- AM/FM Radio

DIRECTIONS:
I-95 to Exit 25-B
on US Rte. 1
College Park, MD

★ Receive 10% off with this coupon
★ Good Sun. through Tues.
★ Expires Sept. 30, 1987

20% OFF
Dry cleaning (except leather, suede), Alterations and Tailoring
Good on incoming work only
Expires Sept. 30, 1987

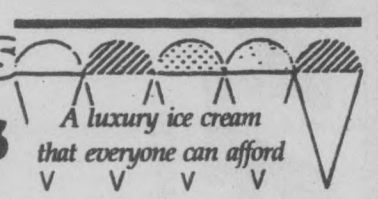
KIM'S CLEANERS & TAILORS
Campus Village Center
8147-A Baltimore Blvd.
College Park, Md. 20740
345-5115


Open Mon.-Fri. 7 a.m.-8 p.m.; Sat. 8 a.m.-6 p.m.
Less than ¼ mile north of the Univ. of Md. on Rt. 1
Not good with any other coupon offer

PARTY PALACE
CALVERTON SHOPPING CENTER
I-95 Powder Mill Road Beltsville
20% Discount with any purchase of $10.00 or more with this coupon
BALLOONS, PLATES, NAPKINS, THEME DECORATIONS
Piñatas, Party Favors, Costumes, Hats and Horns
Plus much, much more
Party Supplies for all occasions
Birthdays, Weddings, Holidays
572-7976

IBEX Review Courses
LSAT GMAT
340-3005 or 340-3003
$25 Discount with this Coupon

BETHESDA CINEMA 'N' DRAFTHOUSE
2 for 1 Admission
Sunday–Thursday
Showing current movie features every night at matinee prices
Serving beer, wine, & deli style food during each feature
Must be 21 with proper I.D. to enter.
Two Admissions for the Price of One.
Expires Dec. 30, 1987
7719 Wisconsin Avenue Bethesda, Maryland 656-3337

Häagen-Dazs
Häagen-Dazs
Häagen-Dazs

A luxury ice cream that everyone can afford
10% off any pint or quart
30¢ off any single scoop
with this ad. Expires 9/30/87
Häagen-Dazs
4433 Lehigh Rd. • College Park, MD
(just south of the University)

Not scheduled for class today?
We can keep you busy.
Goodfriend TEMPORARY SERVICES
The name you can trust when you need temporary word processing, secretarial, receptionist, data entry, accounting, clerical and light industrial work.

Wheaton	933-3100
Rockville	468-4803
Greenbelt	982-7030
Gaithersburg	977-5858

+SURPLUS PLUS+
ALLOWS YOU THE DISCOUNT OF
20% OFF EVERYTHING
With this coupon only (excluding items already on sale)
FEATURING: Genuine U.S. & European Rare Military Surplus & Clothing
Levi & Lee Jeans
Bookbags & Backpacks
Sweat Clothing
Foul Weather Gear
O.R. Scrubs
Camping Gear
Overalls-Painter Pants
Hiking Boots/Shoes
Teargas
And Much Much More Common Sense, Right Priced Gear Designed With Your Mind in Mind
HOURS: MON.-FRI. 9:30-9 SAT. 9:30-7 SUN. 11-5
+ARMY-NAVY+ +SURPLUS PLUS+
THE LARGEST, MOST UNUSUAL ARMY-NAVY SURPLUS OUTFITTER IN THE METRO AREA
Coupon Expires Sept. 20, 1987
1527 University Blvd. East
Langley Park, Md. 434-1133
Next to Hechinger
2549 Ennalls Ave.
Wheaton, Md. 946-5547
Across from Wheaton Plaza

EARL'S PHILLY HOAGIES
12 & 14 Inches
"You've tasted all the rest, now come taste the best"
75¢ OFF with this coupon
For Delivery Call
474-0102
8145 Baltimore Blvd.
College Park, Md
20740

WELCOME HOME TERPS!

For The Finest and Freshest Food in Maryland . . .

T-SHIRTS!

TANKS!

- Frozen Yogurt
- Salads
- Gourmet Soups
- Pita Pizza
- Vegetable Melts
- Muffins
- Greek Salad

- Caesar Salad
- Sandwiches
- Shakes
- Smoothies
- Fresh Fruit Salad
- Bagels
- Croissants

Yogurt Jungle
JUNGLE TERP
C·O·L·L·E·G·E P·A·R·K

Everything Made Fresh Daily!

The Best Chicken Salad on the East Coast
Everybody Wants Some!

EAT IN OR CARRY OUT PHONE ORDERS ACCEPTED
(For Faster Service Call Before 11 a.m.)

Campus Village Center
Route 1
College Park
Located Behind Town Hall Liquor
Across from McDonald's

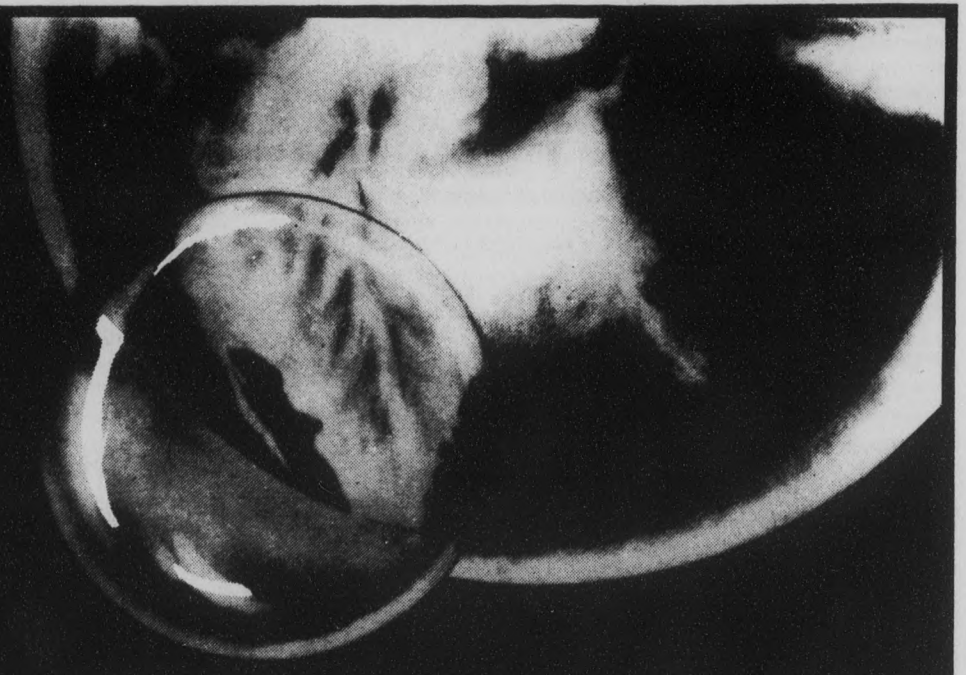
— OPEN LATE —
441-3533

FREE LARGE SODA **OR** FREE SMALL FROZEN YOGURT*

Yogurt Jungle
JUNGLE TERP
C·O·L·L·E·G·E P·A·R·K

W/Purchase Of Any Salad Or Sandwich
*Topping Not Included
This Coupon Not Valid With Any Other Offer
1 Coupon Per Customer Per Visit
Expires October 10, 1987

Astigmatic Soft Contact Lenses Make A World of Difference



If you haven't considered soft contact lenses as an option for correcting astigmatism, do it now. Because of the new technology, thousands of people are enjoying the benefits of soft daily wear and extended wear astigmatic contact lenses. Even in cases of extreme astigmatism, custom astigmatic lenses can be made for you.

An eye examination, contact lenses, fitting, instruction, care kit, solutions, generous trial period and scheduled follow-up appointments are included in the fee...which is quoted in TOTAL in advance. There are no hidden charges!

Your inquiry is welcomed at

CONTACT LENS ASSOCIATES
Dr. Stuart D. Schatz
Optometrist, P.A.
7417 Baltimore Blvd. College Park, Md.

CALL: 277-6100 FOR APPOINTMENT OR MORE INFORMATION

Visa, Mastercard and Choice Accepted
Hours: Monday thru Saturday 9:00 A.M.-6:00 P.M.
Evening appointments also available

Copyright 1986 Griggs Associates, Inc. ALL RIGHTS RESERVED

Registration & Schedule Adjustment Procedures

IMPORTANT REGISTRATION DATES:

REGISTRATION & SCHEDULE ADJUSTMENT		
AUGUST 10-28 — WALK-IN	9:00-11:30	1130 N. ADMINISTRATION
AUGUST 31-SEPTEMBER 1 — BY APPOINTMENT ONLY	8:45-11:45 1:00- 4:15	RECKORD ARMORY
LATE REGISTRATION & SCHEDULE ADJUSTMENT		
SEPTEMBER 2-3 — BY APPOINTMENT ONLY	8:45-11:45 1:00- 5:45	RECKORD ARMORY
SEPTEMBER 4 — BY APPOINTMENT ONLY	8:45-11:45 1:00- 4:15	RECKORD ARMORY
SEPTEMBER 8-16 — WALK-IN	8:45-11:45 1:00- 4:15	1130 N. ADMINISTRATION

NOTE: The University will be closed September 7th for Labor Day

WAIT LIST CHECK-IN*		
AUGUST 31-SEPTEMBER 4	8:45-11:45 1:00- 4:15	RECKORD ARMORY
SEPTEMBER 8-17	8:45-11:45 1:00- 4:15	1130 N. ADMINISTRATION

*Check your Wait List form for initial check-in date.

AUGUST 10-SEPTEMBER 16 — LOOK FOR EXPRESS DROP LINES

NOTE: Newly admitted students MUST attend an orientation program, and will register at that time. Call the Orientation Office at 454-5752. Newly admitted students not attending orientation may NOT register until August 31.

Walk-in Registration is available through August 28. August 31-September 4 an appointment is required.

STEP 1 — MAKE AN APPOINTMENT to Register or Drop/Add. Call 454-7950 between 8:30 a.m. and 4:30 p.m. to make an appointment. Appointments will be scheduled through September 4, 1987. If you are only dropping a course, an appointment is not necessary.

NOTE: Students on Academic Dismissal or Academic Warning at the end of the Spring 1987 semester are required to meet with an advisor prior to registering. Proof of advising will be required each time a change is made to the student's schedule. Students who do not meet with an advisor will not be allowed to register for the Spring 1987 semester.

STEP 2 — REGISTRATION LOCATION

August 10-28.....Walk-in; 9:00-11:30 a.m., Room 1130 North Administration Building
August 31-September 4.....Appointment Only; Reckord Armory, Main Floor
September 8-16.....Walk-in; Room 1130 North Administration Building
Please note: The University will be closed September 7, 1987 for Labor Day.

STEP 3 — REVIEW COURSE LISTINGS FOR RESTRICTIONS

Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 31, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

OTHER RESTRICTIONS:

1. 19 Credit Limit — To register for more than 19 credits, students must have written approval of their Dean.
2. Undergraduates Requesting Graduate Level Courses — Students must have written approval of their Dean.
3. Time conflicts are not permitted. Exceptions to this policy require written approval of student's Dean.
4. Undergraduates requesting Pass/Fail grading method must have earned 15 credits at the College Park campus, and a G.P.A. of at least 2.0.
5. A student may register for a course NO MORE THAN THREE TIMES. A course dropped with a "W" notation will count as one of these three registrations. Each time a course is dropped with a "W" notation it will be counted as one of these registrations.

STEP 4 — WHAT TO BRING

A. Undergraduate students readmitted or reinstated for the Fall 1987 semester

1. Bring letter of readmission or reinstatement to Registration.
2. Reinstated students MUST be advised by their Dean or designated representative prior to Registration. Proof of advisement is required. Readmitted students are strongly urged to take advantage of the advisement offered by their college and department prior to Registration.

B. Undergraduate students newly admitted for Fall 1987 who did not attend an Orientation program may not register until August 31.

1. Take your "Offer of Admission" letter to the office of the Dean of your College for advisor assignment.
2. Report to the assigned advisor for course advisement.
3. After your "Offer of Admission" letter has been signed by the Dean or a designated representative, report to registration at your appointment time.

STEP 5 — COMPLETE REGISTRATION FORM (New Registrants Only) prior to entering the terminal area. Make sure you are eligible for all courses requested. Registration Forms will be available at all College locations, department offices, Reckord Armory, and North Administration Building.

CHECK CLOSED COURSE LISTINGS at Registration.

STEP 6 — PROCEED TO TERMINAL AREA where your registration will be processed. **Students must keep copies of their Schedule Request Form for their records.**

STEP 7 — HOW TO PAY YOUR BILL

August 17-28.....Room 1103 South Administration Building
August 31-September 4.....Reckord Armory or 1103 South Administration Building
September 8 and after.....1103 South Administration Building

1. Process registration. Bills must be paid in full by 3:00 p.m. of the following business day or registration will be cancelled.
2. Complete the Student Bill Form given to you upon entrance to the Bill Paying Area at Station #1.
3. Go to Student Aid Desk if you have any form of student aid financial support coming to you.
4. Go to the Bill Processing Area, Station #2 to get bill added and obtain a payment card.
5. Make out your check at the Check Writing Tables, Station #4. **Write student's name and social security number on the front of the check.**
6. Pay the Cashier at Station #5.
7. A graduate student or part-time undergraduate who returns to add course(s) which result in a net increase to his/her account must pay this amount at the time of registration.

STEP 8 — OBTAIN ID CARDS/REGISTRATION CARDS after completing all transactions (see page 16 for ID card/registration card description). Students who need a Photo ID and/or semester registration card must present proof of bill payment at the Registrations Counter, First Floor Lobby, North Administration Building, 8:30 a.m.-4:30 p.m.

STEP 9 — VEHICLE REGISTRATION. See vehicle registration information on page 7.

Schedule Adjustment Procedures — through September 16th

Schedule Adjustment is BY APPOINTMENT ONLY August 31-September 4. Call 454-7950 to schedule an appointment.

NOTE: Students on Academic Dismissal or Academic Warning at the end of the Spring 1987 semester are required to meet with an advisor prior to registering. Proof of advising will be required each time a change is made to the student's schedule. Students who do not meet with an advisor will not be allowed to register or make schedule adjustments for the Fall 1987 semester.

Schedule Adjustment locations:
August 10-28 — Room 1130 North Administration Bldg. — Walk-in 9:00-11:30
August 31-September 4 — Reckord Armory, Main Floor — By Appointment Only
September 8-16 — Room 1130 North Administration Bldg. — Walk-in

Please note: The University will be closed September 7, 1987 for Labor Day.

The Schedule Adjustment Period is September 2-16, 1987

A. TO ADD
Complete a Schedule Adjustment Form. make sure you are eligible for the requested course (check Course Listings for restrictions, page 31). Check Closed Course listings at Registration. Bring Photo I.D. and Registration Card.

B. TO DROP
Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card.
August 10-September 16 — Look for express drop lines.

C. TO PROCESS

1. **SECTION CHANGE**
   a. Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card.
   b. After September 16, 1987 a Section Change Form should be used. A $4.00 fee will be charged.
2. **GRADING OPTION CHANGE/CREDIT LEVEL CHANGE**
   a. Complete a Schedule Adjustment form.

THE ABOVE TRANSACTIONS ARE OFFICIAL ONLY WHEN THE STUDENT RECEIPT HAS BEEN VERIFIED WITH A REGISTRATION STAMP. STUDENTS MUST KEEP COPIES OF THEIR SCHEDULE REQUEST/SCHEDULE ADJUSTMENT FORM FOR THEIR RECORDS.

The forms necessary to complete the above Schedule Adjustments are available at the following locations:

Registration Counter — 1st floor lobby, North Administration Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Registration Center — Room 1130, North Administration Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Reckord Armory — August 31-September 4, 1987 according to published hours above.

BILL PAYMENT PROCEDURES FOR STUDENTS WHO REGISTERED EARLY

Pay bill at the following locations:
August 10-28 — Rm. 1103 South Administration Bldg.
August 31-September 4 — Reckord Armory or Rm. 1103 South Administration Bldg.
September 8 and after — Rm. 1103 South Administration Bldg.

Instructions:

1. Make any academic schedule adjustments.
2. Drop tuition payment in box at the Bill Paying Area entrance gate in the Armory unless you require change from a check. *Be sure student's name and Social Security Number is written on the front of your check.*
3. If you require a receipt, go to the Cashiers Window in the South Administration Building and make your payment.
4. Any drop/add which results in a net increase for your account must be paid at the time of registration.
5. Any registered student whose bill is to be paid by an outside agency is requested to come to Room 1103, South Administration Building with a copy of the Agency Purchase Order prior to Registration to receive contract credit. The cut-off date for acceptance of all contracts is September 2, 1987. The student remains responsible for fees if not paid by sponsor.

Students who registered early received a schedule and bill in the mail which indicated a payment due date. Since the University has no deferred payment plan, PAYMENT IN FULL MUST BE MADE NO LATER THAN THE DATE INDICATED. Students who register after August 14, 1987 must be prepared to pay their bills in full by 3:00 p.m. the following business day or their registration will be cancelled.

For additional information on fees and expenses, refer to page 11.

FINANCIAL AID CHECKS (NDSL, BEOG, SEOG)

Students may pick up their financial aid checks after securing at least 12 credits, August 27, 1987. All students must present proof of the required credit hours and their photo ID card or driver's license before a check can be disbursed.

Vehicle Registration

All students (except as noted below) who plan to attend the University during the Fall 1987 semester (whether they register early or not) are eligible to register their motor vehicle during the appropriate periods outlined below.

WHO??
All students who operate a motor vehicle on the campus at any time must register that motor vehicle with the Motor Vehicle Administration Office on campus. **IMPORTANT NOTICE:** Freshman and sophomore resident students are prohibited from registering or maintaining a vehicle on campus, and therefore should not bring a vehicle to campus.

WHEN??
ALL STUDENTS EXCEPT RESIDENT FRESHMEN AND SOPHOMORES
During the period of July 13 through August 28, 1987, 8:30 a.m. to 4:15 p.m. Monday through Friday, Motor Vehicle Administration Office, Service Building South Wing.

— OR —

Stamp Union — August 31 and September 1, 1987, 8:30 a.m. to 4:30 p.m.
Armory — August 31 and September 1, 1987, 8:30 a.m. to 4:30 p.m.
MVA Office on Campus — September 2 through September 9, 1987, 8:30 a.m. to 6:00 p.m. (Note: The MVA Office will be closed on Labor Day — Monday, September 7, 1987.)

— OR —

Thursday, September 10, 1987 and later: Motor Vehicle Administration Office, Service Building, South Wing, 8:30 a.m. to 4:15 p.m. Monday through Friday.

HOW??
1. **BRING *CURRENT* STATE REGISTRATION CARD FOR EACH VEHICLE TO BE REGISTERED. YOU *CANNOT* REGISTER YOUR VEHICLE WITHOUT THIS DOCUMENT, AND A STUDENT I.D. CARD.**
2. Pick up and complete University of Maryland application for Motor Vehicle Parking Permit form and receive bumper decals. Registration fee is $67.00 for campus resident students; $35.00 for commuter students. Vehicle registration charges may be included on student bill during Armory and Stamp Union registrations ONLY. When vehicles are registered at any other time or place, cash or check payment is required at time vehicle is registered.

BICYCLES AND MOPEDS
Bicycles and mopeds should be parked in bicycle racks provided on campus. Maryland State Laws prohibit the securing/parking of a bicycle or moped in any manner which would obstruct or impede vehicular or pedestrian movement. Violators will be subject to having their bicycle/moped impounded.

HANDICAPPED PARKING
All persons associated with the University (including those displaying a State handicapped permit or tag) must purchase and display a UMCP-MVA parking decal for the current year. Upon the issuance of the UMCP-MVA decal, an additional UMCP-MVA handicapped permit will be issued at no charge. This additional permit must be used in conjunction with the State handicapped permit or tag, in order for identifying person or passenger to use handicapped spaces, unpaid parking meters or any ungated parking lot on Campus.

Only persons for whom the handicapped privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lot(s).

Questions regarding motor vehicle registration should be referred to the Motor Vehicle Administration Office, 454-4242 or 4243.

Graduate Student Registration Procedures

Schedule Adjustment — For Graduate Students who have previously registered for Fall 1987 and wish to drop, add, or change sections, grading method, or credit level, see Registration Dates and Schedule Adjustment Procedures on page 6. Schedule Adjustment is **BY APPOINTMENT ONLY** August 31-September 4. Call 454-7950 to schedule an appointment.

For students not yet registered — Any previously admitted, eligible graduate student who has not yet registered for the Fall 1987 Semester, may still do so. Each Department/Program will control the distribution of materials for Graduate Students. Students may register walk-in until August 28. Beginning August 31 registration is **BY APPOINTMENT ONLY.** APPOINTMENTS CAN BE MADE BY CALLING 454-7950 BETWEEN 8:30 A.M. AND 4:30 P.M.

STEP 1 — Your department/program has indicated their requirements in the Graduate Registration Procedure Chart (see page 8). Review the chart to determine departmental requirements based on status as a newly admitted or returning graduate student. Questions may be addressed to the department/program office or Graduate School (454-4004).
NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Fall 1987.
RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Summer 1987, and currently eligible to register.

STEP 2 — If advising is mandatory, or Orientation is required contact the department for information and advising arrangements. Department will stamp the form if advising is mandatory. Please note that Orientation refers to individual department programs, not the general Graduate Orientation Program.

STEP 3 — If no advising is required contact your department program office about distribution of the Graduate Schedule Request Form.

STEP 4 — See individual course listings for restrictions. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 31 HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Students requesting Restricted Courses must go to the department offering the course to obtain authorization. If the course is indicated as "Majors Only" and the student is **officially** listed as a major in that department, it is not necessary to obtain an authorization.

STEP 5 — Consult Graduate Registration Procedure Chart to determine where the Graduate Schedule Request Form is to be collected. If the Schedule Request Form is to be returned to the Registrations Office, you may register walk-in until August 28. Beginning August 31 registration is **BY APPOINTMENT ONLY.** Call 454-7950 to schedule an appointment. Prior to August 31, 1987 the Registration Center will be located in Room 1130, North Administration Building. August 31-September 4 the Registration Center will be located in the Reckord Armory, Main Floor.

STEP 6 — a. Students who register by July 10, 1987 must pay tuition and fees by August 14, 1987.
b. Students who register between July 13 and August 14 must pay tuition and fees by September 2, 1987.
c. Students who register after August 14 must pay by 3:00 p.m. of the following business day or registration will be cancelled.

The Bursar's Office is located in Room 1103 South Administration Building. Bills can also be paid in the Reckord Armory August 31-September 4.

STEP 7 — Students who need a Photo ID and/or Semester Registration Card must present proof of bill payment at the Registration Counter, First Floor Lobby, North Administration Building, 8:30 a.m.-4:30 p.m.

Continuous Registration

(Doctoral Students Only)
Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each fall and spring semester until the degree is awarded. Contact the Graduate Records Office for more complete information (454-5428).

Graduate Student Refund Schedule for Dropping Courses

Graduate students are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. September 1 and earlier (prior to the first day of classes) .....100% refund
   There will be no charge for courses *dropped* by this date.
2. September 2-9 (first five days of classes).....80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. September 10 and after .....0% refund
   Student will incur full charge for courses *dropped* during this period.
4. September 17 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Refer to Summary of Fall Semester Deadlines for other important dates.

Graduate Students — Summary of Fall Semester 1987 Deadlines

August 7 .....Last day for mail-in registration
September 2 .....First Day of Classes
September 2 .....Late Registration Begins through September 16
September 7 .....Labor Day Holiday
September 16 .....Last day to submit applications for the December 1987 Commencement to the Registrations Counter, North Administration
September 21 .....DOCTORAL STUDENTS: deadline for submitting form requesting appointment of Doctoral Examining Committee to the Graduate School for December 1987 Commencement
October 12 .....MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate School for December 1987 Commencement:
— Approved program form
— Master's thesis examining committee form
November 11 .....Last day to drop a course
November 26-29 .....Thanksgiving Recess
December 2.....DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate School for December 1987 Commencement:
— Two final, acceptable copies of the completed dissertation
— The signed doctoral oral examining committee report
— Doctoral Survey
— Microfilm Contract
December 9.....MASTER'S STUDENTS: deadine for submission of the following materials to the Graduate School for December 1987 Commencement:
— The signed thesis examining committee report
— One final, approved copy of the master's thesis or form certifying non-thesis option to Graduate School
December 11 .....Last day of classes
December 22 .....COMMENCEMENT

Attention Thesis and Dissertation Students

The Office of Graduate Studies and Research has prepared a new handbook to assist graduate students in the preparation of masters theses and doctoral dissertations. The handbook, currently available in draft format, is available in the Graduate Student Affairs Office, 2117 South Administration. All graduate students preparing a thesis or a dissertation are required to follow the format requirements outlined in this booklet. This edition of the handbook is a draft. A final version will be printed and distributed in 1988. Comments and suggestions for improving the presentation of the guidelines are welcome and encouraged.

As of July 1, 1987, the Office of Graduate Studies and Research instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate Student Affairs Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted, thus graduation may be delayed. Details about these requirements may be obtained in the Graduate Student Affairs Office, 2117 South Administration Building.

Graduate Registration Procedure Chart

DEPARTMENT/PROGRAM	LOCATION	STUDENT STATUS			
		Newly Admitted Students		Returning Students	
		Advising	Return completed Forms to:	Advising	Return completed Forms to:
ADVP Animal Sciences	4149 Animal Sci Center	Mandatory	Registrations Office	Mandatory	Registrations Office
AEED Agricultural & Extension Education	0200 Symons Hall	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
AGRO Agronomy	1109 H. J. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
AMST American Studies	2140 Taliaferro	Mandatory	Registrations Office	Optional	Registrations Office
ANSC Animal Science	4149 Animal Sci Center	N/A	N/A	Mandatory	Registrations Office
ANTH Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH Architecture	1298 Architecture	Mandatory	Registrations Office	Optional	Registrations Office
AREC Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTS Art History ARTS Art Studio	1211 Art/Socy 1211 Art/Socy	Mandatory Optional	Registrations Office Registrations Office	Mandatory Optional	Registrations Office
ASTR Astronomy	0205 Space Sci	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
BCHM Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
BMGT/LMBA/MS Business and Management	3104 Tydings PhD: 0139 Tydings	MBA: permission of Director MS: see faculty advisor or Director PhD: at Orientation		MBA: Optional MS: Optional PhD: Optional	Department Department Department
BMPM Business/Public Affairs	See BMGT and MAPM	N/A	N/A	N/A	N/A
BOTN Botany	1223 H. J. Patterson	at Orientation	Registrations Office	Optional	Registrations Office
CHEM Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH Chemical Physics	1126 Physics Bldg	Optional	Registrations Office	Optional	Registrations Office
CLAS Classics	4220 Jimenez	Mandatory	Registrations Office	Optional	Registrations Office
CMLT Comparative Literature	4220 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
CMRT Communication Arts & Theatre	1146 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
CMSC Computer Science	2309 Computer Sci	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
CRIM Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
DAIR Dairy Science	4149 Animal Sci Center	N/A	N/A	Mandatory	Registrations Office
ECON Economics and Curriculum	3115L Tydings	Mandatory	Department	Optional except 799/899	Department
EDCI Curriculum and Instructioin	2311 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDCP Counseling and Personnel Services	3214 H. R. Benjamin	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
EDHD Human Development	3304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDIT Industrial, Technological and Occupational Education	3216 J. M. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
EDMS Measurement, Statistics and Evaluation	4107 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDPA Policy, Planning and Administration	2110 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDSP Special Education	1304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
ENAE Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registrations Office
ENAG Agricultural Engineering	1130 Shriver Lab	Mandatory	Registrations Office	Mandatory	Registrations Office
ENCE Civil Engineering	1179 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENCH Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE Electrical Engineering	3181 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENGL English	1141 Taliaferro	Optional	Registrations Office	Optional	Registrations Office
ENMA Engineering Materials	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME Mechanical Engineering	2166 Engr Classroom Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENNU Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registrations Office	Optional	Registrations Office
ENTM Entomology	1300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
FDSC Food Science	1122A Holzapfel	Mandatory	Registrations Office	Mandatory	Registrations Office
FMCD Family and Community Development	1204 Marie Mount	Optional	Registrations Office	Optional	Registrations Office
FNIA Food, Nutrition and Institutional Administration	3304 Marie Mount	Mandatory	Department	Mandatory except 799/899	Registrations Office
FRIT French Language and Literature	3106D Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GEOG Geography	1163 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
GELS Geography/Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL Geology	1115 Geology Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
GERS Germanic Language and Literature	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GRAD Advanced Special Student	2117 South Admin	Not Required	Registrations Office	Not Required	Registrations Office
GVPT Government & Politics	2181 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
HESP Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
HILS Library and Information Services	see LBSC	N/A	N/A	N/A	N/A
HIST History	2117 Francis Scott Key	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
HLTH Health Education	2387 PERH Bldg	at Orientation	at Orientation	Optional	Registrations Office
HORT Horticulture	1122 Holzapfel	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
JOUR Journalism	2109 Journalism	Optional	Registrations Office	Optional	Registrations Office
LBSC Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING Linguistics	1107 Mill Bldg	Mandatory	Registrations Office	Optional	Registrations Office
LMBA Business/Law Combined	5th Floor Tydings	see admit letter		Mandatory	Department
LMPM Law & Public Management	See MAPM	N/A	N/A	N/A	N/A
MAPL Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM Public Management	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MAPP Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MATH Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MEES Marine-Estuarine-Environmental Sciences	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
METO Meteorology	2207 Space Sci	at Orientation	Registrations Office	Mandatory except 799/899	Registrations Office
MFAT Master of Fine Arts	See CMRT	N/A	N/A	N/A	N/A
MICB Microbiology	2131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
MUSC Music	2110 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
NUSC Nutritional Sciences	2145 Animal Science	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PCOM Public Communication	2109 Journalism	Optional	Registrations Office	Optional	Registrations Office
PHED Physical Education	2351 PERH Bldg	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PHIL Philosophy	1131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
PHYS Physics	1120 Physics Bldg	Mandatory	Department	Mandatory except 799/899	Registrations Office
POUL Poultry Science	3129 Animal Sci Center	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PSYC Psychology	1147 Zoo/Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR Recreation	2367 PERH Bldg	Mandatory	Department	Mandatory	Department
SOCY Sociology	2108 Art/Socy Bldg	Optional	Department	Optional	Department
SPAP Spanish Language and Literature	2215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
STAT Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or Orientation	Mandatory	Department
TXCE Textile and Consumer Economics	2100 Marie Mount	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
URBS Urban Studies	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ZOOL Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registrations Office	Optional	Registrations Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB, UMBC, UMES, UMUC			Graduate School at Host Campus		Graduate School at Host Campus
Intercampus Student	2125 South Admin	at Home Campus	Intercamp Form **MUST** be attached	at Home Campus	Intercamp Form **MUST** be attached

Faculty-Staff Registration Procedures

Faculty and Staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below:

STEP 1 — Contact department representative responsible for processing Remission of Tuition forms. Complete the forms and make sure that they are forwarded to the Personnel Office, Room 1129 South Administration Bldg., 454-6312.

DEADLINE TO SUBMIT REMISSION OF TUITION FORM FOR FALL 1987

Early Registrants — August 14, 1987

Students who register after August 14, 1987 — Remission of Tuition form must be submitted by 3:00 p.m. of the following business day.

All forms must be submitted by September 2, 1987.

STEP 2 — Contact appropriate admissions office:

Undergraduate — North Administration Bldg. (Basement), 454-5550

Graduate — South Administration Bldg. (Second Floor), 454-3141

STEP 3 — Follow appropriate Registration Procedures:

For Undergraduate students see page 6.

For Graduate students see page 7.

Faculty/Staff are encouraged to register as early as possible.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, South Administration Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office by August 14, 1987. Students who register after August 14, 1987 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN SEPTEMBER 2, 1987.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations? Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

Teacher's Registration

Who?

Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who were not enrolled for Spring 1987.

Undergraduate Students — Apply for readmission at the Office of Undergraduate Admissions, lower level, North Administration Building (454-2734) where a registration form will be issued. See page 6 for Fall 1987 registration procedures.

Graduate students — Check with Graduate School, Room 2125 South Administration Building, 454-4004, to determine eligibility. See page 7 for Fall 1987 registration procedures for all Graduate Students.

Dates: April 6-August 7, 1987.

UNDERGRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2017. GRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2015.

The Consortium of Universities of the Washington Metropolitan Area

The consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, Georgetown University, George Washington University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland, College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "residence" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduates and undergraduates may participate in this program according to the following stipulations: (Golden ID students are not eligible)

A. Procedure for UMCP Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other consortium schools.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable UMCP department if the course is outside the major department.
   c. The student's Dean.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Registration for UMCP Students

1. Contact the department offering the course at the institution to be visited. This will determine if the course is open to consortium students and if there are any special conditions, i.e., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the consortium coordinator in the UMCP Registration Office, to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the UMCP consortium coordinator. **Permission will not be granted if a comparable course is offered at UMCP.**
4. Pass/Fail or audit grading options are not permitted for consortium courses.
5. A Consortium Registration Form will be filled out with the consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.
8. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at UMCP.
9. UMCP course change deadlines apply for students visiting other consortium institutions.
10. Grades will be received in the University of Maryland's Records Office and automatically recorded on the student's permanent record. These grades are used in the calculation of the cumulative grade point average.

NOTE: Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

B. Procedures for Visiting Students

Students from other consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, September 2, 1987 for the Fall 1987 semester.

Students will be expected to meet all prerequisites of UMCP courses. Also, prior approval will be required for courses restricted to specific UMCP majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see page 31, "How to Read Course Listings". **Visiting students must register at both their home campus and at UMCP.**

1. Contact the UMCP consortium coordinator on 454-2336 at the Registrations Center.
2. Fill out UMCP Schedule Request form with requested courses.
3. A visiting student cannot audit any UMCP courses.
4. Present to the UMCP coordinator the third copy of the Consortium Registration Form completed by your home campus.
5. The coordinator will officially register you for the UMCP courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
6. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools

American University	August 31
Catholic University	September 3
Gallaudet University	August 31
George Washington University	September 2 (tentative)
Georgetown University	September 2
Howard University	August 31
Marymount University	September 11
Mount Vernon College	September 21
Trinity College	September 1
University of the District of Columbia	August 21 (tentative)
University of Maryland	September 2

Deadlines

Summary of Fall Semester 1987 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE	September 16
CANCEL REGISTRATION for Fall 1987	September 1
CANCEL RESIDENT LIFE ON-CAMPUS HOUSING without financial obligation	August 5
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates) for billing purposes	see Penalties for Drops on this page
change CREDIT LEVEL	September 16
DIPLOMA APPLICATION for December 1987 Graduation (and diploma dated December 1987)	September 16
DROP A COURSE — UNDERGRADUATE STUDENT without "W" mark	September 16
DROP A COURSE — UNDERGRADUATE STUDENT with "W" mark (4 credit drop limit) ($2.00 fee)	November 11
DROP A COURSE — GRADUATE STUDENT (Graduate student does not receive a "W") ($2.00 fee September 17-November 11)	November 11
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	See Penalties for Drops on this page
change GRADING OPTION	September 16
GRADUATE MAIL-IN REGISTRATION	August 7
process a LATE REGISTRATION	September 16
LAST DAY TO WITHDRAW FROM ALL COURSES	
WITHDRAW WITH 100% REFUND (CANCEL)	September 1
WITHDRAW WITH 80% REFUND	September 16
WITHDRAW WITH 60% REFUND	September 23
WITHDRAW WITH 40% REFUND	September 30
WITHDRAW WITH 20% REFUND	October 7
WITHDRAW WITH 0% REFUND	December 11

GO TO ROOM 1101 NORTH ADMINISTRATION TO PROCESS A WITHDRAWAL. SEE PAGE 12 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., SEPTEMBER 16, 1987

Cancellation of Registration

Students who register and later decide not to attend the University must **CANCEL** their registration **BY SEPTEMBER 1.** Failure to cancel registration will result in financial obligation to the University even though the student does not attend class.

To Cancel Your Registration on or before September 1:

1. Your cancellation request must be received in writing by:
   Office of Registration — Rm. 1130.
   North Administration Bldg., University of Maryland
   College Park, Maryland 20742

Since the University can honor only those requests for cancellation which are actually received by September 1, requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT'S SOCIAL SECURITY NUMBER ON ALL CORRESPONDENCE.

2. For additional information concerning cancellation call the Registrations Office, 454-2336.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 9 or more.

PRIOR TO THE FIRST DAY OF CLASSES, SEPTEMBER 1 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to *8 or less*, charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to *9 or more*, the student will be billed for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, SEPTEMBER 2-9, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eight or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time fees and appropriate part-time charges. **After the first five days of classes, there is no refund for changing from full-time to part-time status.**

SEPTEMBER 17 AND AFTER — $2.00 fee is assessed for *each* drop processed (to be billed).

This applies to both graduate and undergraduate students.

Refund Schedule for Dropping Courses
Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. September 1 or earlier (prior to the first day of classes) ..... 100% refund
There will be no charge for courses *dropped* prior to this date.

2. September 2-9 (first five days of classes) ..... 80% refund
There will be a 20% charge imposed for courses *dropped* during this period.

3. September 10 and after ..... 0% refund
Student will incur full charge for courses *dropped* during this period.

4. September 17 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Candidates for December 1987 Graduation

Deadline to apply for a diploma dated December 1987 ..... September 16, 1987

Both graduate students and undergraduate students must file an application for a diploma dated December 1987 in the Registration Office by September 16, 1987. Applications are available at the Registration Office Counter, 1st Floor Lobby, North Administration Building, 8:30 a.m. to 4:30 p.m., Monday through Friday.

Check Financial Information section for listing of graduation fees. Graduation fees are due payable when billed.

Reclassification to In-State Status

If you wish to challenge your out-of-state classification you may do so by filing a timely Petition. The deadline for meeting all requirements for in-state status and for submitting all documents for reclassification is the last day of late registration for the semester you wish to be classified as an in-state student.

Deadlines

Fall 1987 ..... September 16, 1987

It is imperative that students who wish to request a review of their eligibility for an in-state classification submit the required documents to the appropriate office as soon as possible. The volume of requests for reclassification may necessitate a delay in completing the review process. It is hoped that a decision in each case will be made within ninety (90) days of receipt of a request for redetermination and all necessary documentation. During this period of time, or any further period of time required by the University, fees and charges based on the previous determination must be paid. If the determination is changed, any excess fees and charges will be refunded. It is to your advantage to apply early.

Petitions for review of eligibility, related documents and questions concerning the policy of the University of Maryland for the determination of in-state status should be directed to the following offices:

Campus Classification Office
Room 1116
Francis Scott Key Hall
454-3977

In-State Students

Notice to students classified as in-state for admission, tuition and charge-differential purposes. Please be aware that it is your responsibility to notify the proper office listed above in writing within 15 days of any change in your cirumstances which might in any way affect your classification for admission, tuition and charge-differential purposes at the College Park Campus.

Financial Information

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE FALL SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents. The University of Maryland does not have a deferred payment plan.

It is the policy of the University *not* to defer payment of fees on the basis of a pending application for financial assistance to an outside agency. This includes Veterans Administration, banks, guaranteed student loan programs, etc.

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration will be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration will be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: EFFECTIVE WITH THE FALL 1987 SEMESTER, PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR CHOICE CREDIT CARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS WILL *NOT* BE ACCEPTED THIS SEMESTER.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1103 of the South Administration Building if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:15 p.m. Monday through Friday. Students may also obtain their account balance by phoning 454-4832.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustments, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing. It is emphasized that any portion of the bill *not* in dispute must be paid in accordance with the due date on the bill.

All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check. Payments by telegram should also include social security number.

Students will be severed from University services for delinquent indebtedness to the University which occurs or is discovered during a semester. In the event that severance occurs, the individual may make payment during the semester in which services were severed and all these services except housing will be restored. For a student who lives in on-campus residence halls, and who fails to fully resolve any outstanding balance, the severance of housing services means that (1) the student must leave residence halls, (2) the student's room is assigned to another student, and (3) the severed student may reapply for housing services, if the account is later satisfactorily resolved and other University services are restored, and be placed last on a waiting list for available on-campus housing spaces. Students who are severed from University services and who fail to pay the indebtedness during the semester in which severance occurs will be ineligible to register for subsequent semesters until the debt is cleared. In the event of actual registration in a later semester by a severed student who had not settled the student account prior to that semester, such registration will be cancelled and no credit will be earned for the semester. For a student who is on board and who fails to resolve any outstanding balance, the severance of Dining Services means that the student will not be served meals until their student account is paid in full. No reimbursement will be made on meals not served during severance.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.

Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 severance fee added to their account. In order to have the services restored, the student's account must be settled in full.

The State has established, under legislative mandate, a CENTRAL COLLECTIONS UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit.

ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer all past due accounts to the State Central Collections Unit. The minimum collection fee is 15% plus any attorney and/or court costs.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NO GRADE ISSUED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $13.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged a fee of $6.00. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle buses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.
The Student Activities Fee: Refundable upon withdrawal. $14.00 — Charged to all Full-Time Undergraduates. Part-time Undergraduates are charged a fee of $8.00. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.
The Athletic Fee: Non-refundable. $43.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate Students are charged a fee of $12.00. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.
The Student Health Fee: Non-refundable. $16.50 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $8.50. The Student Health Fee is charged for the support of the Health Service Facility. Charges for special services (X-rays, prescriptions, etc.) are due **when received.**
The Shuttle Bus Fee: Non-refundable. $15.00 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $7.50. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.
The Student Union and Recreational Fee: Non-refundable. $36.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $17.00. The Stamp Union and Recreational Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.
The Registration Fee: Non-refundable. $5.00 — The Registration Fee is charged to all registrants each semester.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.
Undergraduate Application Fee: $20.00 — Charged to all new Undergraduate Students. Applicants who have previously enrolled with the University of Maryland at College Park, University College, Baltimore County or at an off-campus center will not be required to pay the fee.
Graduate Application Fee: $20.00 Required of all students.
Pre-College Orientation Program Registration Fee: $63.00 (two day program) $18.00 (one parent)
$41.00 (one day program) $36.00 (two parents)
Late Application Fee: $25.00
Late Registration Fee: $20.00. All students are expected to complete their registration including the filing of Schedule Adjustment Forms on the regular registration days. Those who do not complete their registration during the prescribed days must pay this fee.
Special Fee for students requiring additional preparation in Mathematics, English or Chemistry: MATH 001 — $125; CHEM 001 — $70; and ENGL 001 — $100.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail in qualifying examination for these courses.)
A student enrolled in MATH 001 or ENGL 001 and concurrently enrolled for six or more credit hours will be considered as a full-time student for purposes of assessing fees. Students taking only MATH 001 or ENGL 001 pay for three credits plus the special fee. Students taking CHEM 001 pay for two credits plus the special fee. A 3-credit course plus MATH 001 or ENGL 001, results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.
Cooperative Education Program in Liberal Arts and Business (CO-OP 098/099): $30.00 each
Engineering CO-OP Program (ENCO 098/099): $30.00 each
Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.
Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.
Change of Registration Fee: $2.00 for each course dropped or added after September 16, 1987. A $4.00 fee is charged for each section change ($2.00 for the section added, $2.00 for the section dropped).
Transcript of Record Fee: $2.00 each copy
Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students. (See page 23 for definition of full-time and part-time graduate status.)
Vehicle Registration Fee: Commuters $35.00, Campus Residents $67.00 for first vehicle and $15.00 for each additional vehicle in accordance with published regulations. Fee is required of all students registered for classes on the College Park Campus and who drive on campus.
Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $125.00 per semester.
Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.
For checks up to $100.00: $10.00
For checks from $100.01 to $500.00: $25.00
For checks over $500.00: $50.00
When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 15% collection charge is added to the charges posted to the student's account at the time the transfer is made.
When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.
Library Charges: $.35 — Fine for failure to return a book from General Library before expiration of loan period: per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day: $.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutilation of a book, satisfactory restitution must be made.
Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.
Property Damage Charge: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage or replacing equipment will be prorated among the individuals involved.
Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.
Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 Severance Fee added to their account. In order to have services restored, the student's account must be settled in full.
Graduation Application Fee for Bachelor's Degree: $15.00, **Master's Degree:** $25.00, **Doctor's Degree:** $50.00
These charges are one-time, non-refundable fees, and must be paid in the semester that the graduation application is first submitted.

Fees for Fall Semester 1987

An Important Fee Notice. Although changes in fees and charges will ordinarily be announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees[1] (*includes mandatory fees)

[1]Full-Time Undergraduate Students, Maryland Residents	**870.00**
[1]Full-Time Undergraduate Students from District of Columbia, other states and other countries	**2,423.00**

— PART-TIME UNDERGRADUATES — (In-state and out-of-state enrolling for 8 credit hours or less) **$84.00** per credit hour.

Credit Hours	1	2	3	4	5	6	7	8
*Cost	148.00	232.00	316.00	400.00	484.00	568.00	652.00	736.00

*Includes all mandatory fees.

— GRADUATE IN-STATE STUDENTS — $99.00 per credit hour.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	155.00	254.00	353.00	452.00	551.00	650.00	749.00	848.00	981.50	1080.50	1179.50	1278.50	1377.50

*Includes all mandatory fees.

— GRADUATE OUT-OF-STATE STUDENTS — $176.00 per credit hour.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	232.00	408.00	584.00	760.00	936.00	1112.00	1288.00	1464.00	1674.50	1850.50	2026.50	2202.50	2378.50

* Includes all mandatory fees

Resident Point Plan		843.00
Campus Point Plan		843.00
Budgeted Point Plan		843.00
Board (D.S. Cash)[4]		
Room, University Residence Hall, Maryland Residents/Non Residents		1023.00
Vehicle Registration Fee (one car — valid through August 1988)	Resident	67.00
	Commuter	35.00
Each additional car (commuter only — valid through August 1988)		15.00
Special Mathematics Fee (MATH 001)		125.00
Special Chemistry Fee (CHEM 001)		70.00
Special English Fee (ENGL 001)		100.00
Special Engineering COOP Fee (ENCO 098/099)		30.00[3]
Special COOP Fee (COOP 098/099)		30.00[3]
Continuous Registration Fee (Doctoral Candidates)		10.00
Late Registration Fee (beginning September 2)		20.00
Schedule Adjustment Fee (effective on or after September 17)		2.00
Graduation Application Fee for Bachelor's Degree		15.00
Graduation Application Fee for Master's Degree		25.00
Graduation Application Fee for Doctoral Degree		50.00
Credit by Exam Fee		
All Undergraduate and Full-Time Graduate Students (per course)		30.00
Part-Time Graduate Students (per credit hour)		See above
Audit courses are charged the same as a course taken for credit.		
Maryland English Institute — Intensive		2,032.00
Maryland English Institute — Semi-Intensive Program		1,016.00
Maryland English Institute — Pronunciation Program		175.00
Orientation Fees:		
Student One Day		41.00
Student Two Days		63.00
One Parent		18.00
Two Parents		36.00

[1]FOR BILLING PURPOSES UNDERGRADUATE FULL-TIME STATUS IS DEFINED AS A REGISTRATION FOR 9 CREDITS OR MORE.
[2]A STUDENT WHO HAS BEEN ADMITTED TO THE GRADUATE SCHOOL WILL BE CHARGED THE GRADUATE CREDIT HOUR FEE FOR ALL COURSES REGARDLESS OF THE LEVEL OF THE COURSE.
[3]A $5.00 FEE WILL BE CHARGED FOR SPECIAL COURSE REGISTRATION. THE AMOUNT OF $65.00 WILL BE CHARGED FOR ENROLLMENT IN TWO SPECIAL COURSES.
[4]D.S. CASH ACCOUNTS AVAILABLE — INQUIRE AT CONTRACT OFFICE (X2906).

Billing Information

Bills for payment of fees are mailed in July 1987 to students who have registered for courses for Fall 1987. Since the University has no deferred payment plan, **PAYMENT IN FULL MUST BE MADE NO LATER THAN August 14, 1987 BY ALL REGISTERED STUDENTS.** Accounts not paid by August 14, 1987 are delinquent and subject to referral to the State Central Collections Unit at Baltimore and/or cancellation of registration.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, South Administration Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:15 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check, may drop the payment in the Bursar's Mail Remittances hallway drop slot beside Room 1108, South Administration Building, at any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: EFFECTIVE WITH THE FALL 1987 SEMESTER, PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR CHOICE CREDIT CARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS WILL *NOT* BE ACCEPTED THIS SEMESTER.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.
Students who register after August 14, 1987 will be required to make full payment in person to the cashier by the close of business the following working day to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions on their bills may obtain print-outs of their financial accounts by coming to Room 1103 of the South Administration Building between 8:30 a.m. and 4:15 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event that such third party fails to honor its agreement, the University reserves the right to bill the students directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collections Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN SEVERANCE OF UNIVERSITY SERVICES, ADDING THE $25.00 SEVERANCE FEE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 15% COLLECTIONS CHARGES ARE ADDED AT THIS TIME.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, South Administration Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office by August 14, 1987. Students who register after August 14, 1987 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN SEPTEMBER 2, 1987.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations? Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

Tuition Waiver Policy

(Employee Spouse and Dependent)

The University Board of Regents has approved a partial tuition waiver policy for the spouse and dependent children of full-time University employees. The policy will provide a waiver of **one-third of the tuition charges only** for eligible students.

The Partial Tuition Waiver forms are available at each campus Personnel Department. The completed form is to be **HAND CARRIED** to the campus personnel office where the student's spouse or parent is employed for approval. The student copy of the approved form will be given to the student and should be maintained.

Approved tuition waiver credit will be posted to registered student's accounts only after completed Tuition Waiver forms are received by the Campus Personnel Department. If the student registers or adds additional courses after August 14, 1987, the student copy must be presented to the Bursar to ensure application of credit for partial tuition waiver.

ALL FORMS MUST BE SUBMITTED BY SEPTEMBER 2, 1987.

If the student receiving the partial tuition waiver drops classes or withdraws from the University and is eligible for a refund, the refund computations will be made in such a way as to return the maximum amount to the tuition waiver account.

Financial Aid Information

FINANCIAL AID CHECKS WILL NOT BE DISBURSED UNTIL AUGUST 27, 1987. THERE WILL BE NO EXCEPTIONS.

Students on scholarships and grants are expected to maintain a semester credit load of 12 hours. Neither credit (earned) by "Examination" nor courses taken as "Audit" can be counted toward credit level. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Any student receiving financial aid who is contemplating dropping credits should see his/her financial aid counselor **before** taking such action.

A student who has not received final approval of a financial aid award and accepted the award should not expect a credit on his/her bill nor a check at the time of registration. No deferment will be granted and the student should be prepared to pay his/her bill by the first day of classes unless financial aid has been **awarded and accepted** by the student.

Students sponsored by an agency or their employer remain responsible for their fees. When payment is not received by the University from the sponsor, the student will be charged.

Previously registered students' bills will be mailed. Students not registered will complete an estimated bill form at registration time. The following information may be helpful:

1. Scholarships, grants, & workships will be credited to student accounts. A check for any balance remaining after charges are paid will be available for those students receiving financial aid. NDSL's will be ordered in checks. Students may pick up their financial aid checks after securing at least 12 credits beginning August 27, 1987. Before a check can be distributed, students must present proof of the required credit hours, their photo ID card or driver's license, and the Fall bill sent to their permanent address. If an awarded financial aid has not been credited on the early registration bill, deduct the approved FA amount for the semester, and pay the balance due.
2. Students who receive scholarships, grants, or loans after classes have begun and who have paid their Student Account for the award period must request a refund in writing from the Office of the Bursar. The refund will take approximately five to six weeks to process after the credit balance appears on the account and the refund request is received.
3. Other scholarships and grants paid to the University by an outside agency will be credited to the student's bill. (Exception — National Merit Scholarship checks will be available in the Office of the Bursar.)
4. Guaranteed Loan checks may be picked up at the Office of the Bursar, Room 1103, South Administration Building. Before a check can be distributed, the student must present proof of registration for the required credit hours. Student identification such as the photo ID card or driver's license, and the early registration bill, if applicable, must be provided.
5. Dining Hall cash jobs will be paid bi-weekly to student as work is performed.
6. Dining Hall Workships (and other University Workships) will be credited to bill as designated in award letter.
7. College Work Study and other University student employment will be paid to the student bi-weekly as work is performed.
8. STUDENTS WHO RECEIVE A NATIONAL DIRECT STUDENT LOAN MUST SUBMIT PROPERLY EXECUTED PROMISSORY NOTES AND ASSOCIATED FORMS. The loan credit cannot be posted to the student's account nor a check disbursed if the student has not turned in these forms.

   Deferments for repaying NDSL loans require that students be registered at least half time: undergraduate students — 6 credits; graduate students — 24 academic units.
9. Students comtemplating a withdrawal should consult a Financial Aid counselor prior to the withdrawal. Aid will be prorated based on attendance. Those considering a second withdrawal may not be eligible for aid the subsequent semester.
10. The University will only make adjustments to financial aid awards (due to an increase in the credit hours taken to maintain the required 12 credit hours) until the beginning of the next spring semester for students attending the fall semester and June 30 for students attending the spring semester.

Guaranteed Student Loan (GSL) Information

The normal processing time for a GSL application is 8 to 10 weeks. In order for your GSL check to be available by the Fall 1987 semester payment due date, you should submit your loan application to the Office of Student Financial Aid by June 15, 1987. Pending GSL applications and promissory notes may not be substituted in lieu of payment. The University does not have a deferred payment program and payments for students who registered early for the Fall 1987 semester are due on or before August 14, 1987.

All applicants must file an FAF (Financial Aid Form) with the College Scholarship Service no later than June 1, 1987.

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Residence and/or a Meal Plan below.

September 2 or later

1. All students should report to Room 1101, North Administration Building to complete a withdrawal form.
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. Registration, Health, Athletic, Shuttlebus and Student Union and Recreation Fees are not refundable. A base figure of $754.00 for resident students and $2,307.00 for non-resident students is used in computing the amount of the credit adjustment after September 1. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, South Administration Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of Tuition for Withdrawal from All Courses*

		Resident	*Non-resident*
On or before September 1	100%	$870.00	$2,423.00
September 2-16	80%	603.20	1,845.60
September 17-23	60%	452.40	1,384.20
September 24-30	40%	301.60	922.80
October 1-7	20%	150.80	461.40
October 8 and later	0%	0.00	0.00

*Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

Cancellation of Residence Halls and/or a Meal Plan

Charges for Room and Board are not refundable unless the student officially withdraws or is dismissed from the University and effectively completes **Residence Halls and/or Dining Services release procedures.** When the student completes the residence hall release procedures, charge adjustment will be computed based upon the requested release date and/or the date procedures for checking out of a room assignment are completed. Credits for housing services are made on a pro rata weekly basis.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

1. In order to receive a credit adjustment for the unused portion of a Resident Life or Dining Service Agreement, a student must notify those offices in writing (Certified Mail suggested) or in person during regular university hours.
2. The Dining Service I.D. Card must be turned in to the Dining Service Business Offices or $15.00 fine will be incurred.
3. A student who requests cancellation of his/her Dining Services Agreement must have the approval of the Department of Dining Services. If approved, there will be a $40.00 charge for cancelling the contract in addition to the prorated charge for meals.
4. The addresses of the Resident Life Department and Dining Services Office follow:

   Assignments Office
   Department of Resident Life
   Room 3117
   North Administration Building
   College Park, MD 20742

   Contract Office
   Dining Services
   Room 0144
   South Campus Dining Hall
   College Park, MD 20742
5. Resident Life credit adjustments are based upon the date written notice of cancellation is received by Resident Life, and the checkout date from the residence hall and in accordance with the applicable procedures outlined in the Residence Halls Agreement. No credit adjustments may be processed after the fourteenth week of classes in a semester.

Meal Plan Rates 1987-88* + Credit Adjustment

Week	*Fall*	*Spring*	*Point*	*Suite Point*
1	8/30- 9/5	1/24- 1/30	843.00	421.50
2	9/6 - 9/12	1/31- 2/6	792.82	397.67
3	9/13- 9/19	2/7 - 2/13	742.64	373.84
4	9/20- 9/26	2/14- 2/20	692.46	350.01
5	9/27-10/3	2/21- 2/27	642.28	326.18
6	10/4 -10/10	2/28- 3/5	592.10	302.35
7	10/11-10/17	3/6 - 3/12	541.92	278.52
		Spring Break		
8	10/18-10/24	3/20- 3/26	491.74	254.69
9	10/25-10/31	3/27- 4/2	441.56	230.86
10	11/1 -11/7	4/3 - 4/9	391.38	207.03
11	11/8 -11/14	4/10- 4/16	341.20	183.20
12	11/15-11/21	4/17- 4/23	291.02	159.37
	Thanksgiving			
13	11/22-11/25	4/24- 4/30	240.84	135.54
14	11/29-12/5	5/1 - 5/7	190.66	111.71
15	12/6 -12/12	5/8 - 5/14	140.48	87.88
16	12/13-12/19	5/15- 5/21	90.30	64.05

Calculation:

Point Meal Plan = 50.18 × number of weeks + 12 cents $40.00
Suite Meal Plan = $23.83 × number of weeks + 6 cents $40.00

$20.00 Cancellation fee for Suite Plan
$40.00 Cancellation fee for Point Plan

$87.50 University Capital Construction, Physics Plant, and Facilities fees, per semester

* The Meal Plan Rate Table also identifies the adjustment credit for cancellation of the meal contract. This credit will be in the amount identified for the first complete week after the cancellation has been approved by the Department of Dining Services.

On-Campus Housing Credit Adjustment Schedule

Date Cancellation Notice Received by Resident Life	*Financial Obligation To Resident Life*
August 5 or before	No financial obligation
August 6-11	1 week's housing — 63.94
August 12-18	2 weeks' housing — 127.88
August 19-25	3 weeks' housing — 191.81
August 26 and prior to check-in	4 weeks' housing — 255.75
After check-in	Consult Residence Halls Agreement

On-Campus Weekly Housing Charges 1987

Week Entered/Leaving Residence Halls	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Entered — Amount Charged	$1023.00	959.06	895.13	831.19	767.25	703.31	639.38	575.44	511.50	447.56	383.63	319.69	255.75	191.81	127.88	63.94
Leaving — Amount Credited*	959.06	895.12	831.19	767.25	703.31	639.37	575.44	571.50	447.56	383.62	319.69	255.75	191.81	127.87	**	**

* Amount credited for a resident who departs his/her room assignment after written notice has been received by Resident Life four weeks before the actual departure date.
** No credits will be made after the fourteenth week of classes.

Refund Requests

To Obtain A Refund: To obtain a refund of a credit balance: a STUDENT must request the refund in writing. This can be done by: (1) addressing a letter to: Office of the Bursar, University of Maryland, College Park, Md. 20742, or (2) completing a request form available at the Student Counter, 1103 South Administration Building. NO CREDIT BALANCE IS AUTOMATICALLY REFUNDED. Approximately five to six weeks is required from the time a credit balance appears on the account and a refund request is received until a check is mailed from The State Treasurer's Office in Annapolis. THE CHECK WILL BE MADE PAYABLE TO THE STUDENT and mailed to the address requested by the student on the refund form. Refund checks will not be mailed to a campus address. Payments made by credit card will be processed to return any credit balance to the credit card company. Other financial regulations may apply. Questions? Call 454-4832.

Refunds for Special Courses

CHEM 001, COOP 098/099, ENCO 098/099, ENGL 001, MATH 001 — Refunds: A part-time or full-time undergraduate who drops MATH 001, ENGL 001, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, ENGL 001, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, notwithstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

General Information

Final Examination Schedule
Fall Semester 1987

All final examinations must be held on the examination days of the Official Final Examination Schedule. No final examination shall be given at a time other than that scheduled in the Official Examination Schedule without permission of the department chair.

A final examination will be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department and the dean. Please note Sections 1, 2, and 3 below concerning final examinations for certain courses. For additional information, see "Examinations" in the Undergraduate Catalog.

Examination Time	*Classes Scheduled*
December 14, Monday	
8:00-10:00	MWF 10
10:30-12:30	ECON 203, 430
	ENES 221
	HLTH 150
1:30- 3:30	BMGT 220, 340
	GERM 101, 102, 103, 104
	SPAN 204
4:00- 6:00	MWF 4
7:00- 9:00	PHYS 121, 161
December 15, Tuesday	
8:00-10:00	MWF 9
10:30-12:30	BMGT 311, 424
	EDMS 451
	FREN 101, 102, 103, 104
1:30- 3:30	BMGT 310, 422, 440
	CHEM 001, 103, 104,
	105, 111, 113, 233,
	235, 243, 481, 482
4:00- 6:00	TuTh 11
7:00- 9:00	ECON 201, 205
December 16, Wednesday	
8:00-10:00	MWF 11
10:30-12:30	CMSC 103, 112
	ENES 101, 220
1:30- 3:30	MATH 001, 110, 111, 115,
	140, 141, 210, 211, 220,
	221, 240, 241, 246
	STAT 100
4:00- 6:00	TuTh 9
7:00- 9:00	TuTh 3

Examination Time	*Classes Scheduled*
December 17, Thursday	
8:00-10:00	MWF 1
10:30-12:30	ASTR 100
	BMGT 364
1:30- 3:30	PSYC 100
4:00- 6:00	TuTh 2
7:00- 9:00	TuTh 5 and later
December 18, Friday	
8:00-10:00	MWF 2
10:30-12:30	PHYS 262, 263
1:30- 3:30	BMGT 301, 302
	ENES 110
	ITAL 101, 102
4:00- 6:00	TuTh 8
December 19, Saturday	
8:00-10:00	MWF 12
10:30-12:30	TuTh 10
1:30- 3:30	BMGT 332
	SLAV 101, 102, 104
4:00- 6:00	TuTh 4
December 21, Monday	
8:00-10:00	MWF 8
10:30-12:30	TuTh 12
1:30- 3:30	MWF 3
4:00- 6:00	TuTh 1
7:00- 9:00	MWF 5 and later

1. Final examinations for all sections of the following courses are given at the times listed in the above schedule. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

ASTR 100
BMGT 220, 301, 302, 310, 311, 332, 340, 364, 422, 424, 440
CHEM 001, 103, 104, 105, 111, 113, 233, 235, 243, 481, 482
CMSC 103, 112,
ECON 201, 203, 205, 430
EDMS 451
ENES 101, 110, 220, 221
FREN 101, 102, 103, 104
GERM 101, 102, 103, 104
HLTH 150
ITAL 101, 102
MATH 001, 110, 111, 115, 140, 141, 210, 211, 220, 221, 240, 241, 246
PHYS 121, 161, 262, 263
PSYC 100
SLAV 101, 102, 104
SPAN 204
STAT 100

2. Final examinations for courses scheduled for 75-minute periods on Tuesday and Thursdays, exclusive of the courses listed in Section 1 above, will be given according to the following schedule:

Class Scheduled		*Examination Time*	
Tu Th 8:00- 9:15	Friday	Dec. 18	4:00 p.m.- 6:00 p.m.
Tu Th 9:30-10:45	Wednesday	Dec. 16	4:00 p.m.- 6:00 p.m.
Tu Th 11:00-12:15	Tuesday	Dec. 15	4:00 p.m.- 6:00 p.m.
Tu Th 12:30- 1:45	Monday	Dec. 21	10:30 a.m.-12:30 p.m.
Tu Th 2:00- 3:15	Thursday	Dec. 17	4:00 p.m.- 6:00 p.m.
Tu Th 3:30- 4:45	Wednesday	Dec. 16	7:00 p.m.- 9:00 p.m.

3. Final examinations for BMGT courses numbered 600 and above do not follow the schedule outlined in Sections 1 & 2 above, but are given instead according to the schedule listed below, and are subject to the general guidelines outlined in Notes A, B, & C. The rooms in which these examinations will be held will be announced in class.
   A. Examination times for required MBA courses taught at night are based on the time the course normally meets irrespective of course number.
   B. Examination times for required MBA courses that are taught during the day are based on course number irrespective of the time the course normally meets.
   C. Examination times for all BMGT courses numbered 600 and above exclusive of those governed by notes A & B above are based on the time the course normally meets.

Examination Time	*Classes Scheduled*
December 14, Monday	
9:00-12:00	BMGT 630
	MW 12:00-1:15
2:00- 5:00	M 3:00-4:15
	M 4:00-6:40
December 15, Tuesday	
9:00-12:00	BMGT 650, 680
2:00- 5:00	TuTh 2:00-3:15
	Tu 4:00-6:40
December 16, Wednesday	
9:00-12:00	BMGT 620
	MW 9:00-10:15
2:00- 5:00	W 4:00-6:40

Examination Time	*Classes Scheduled*
December 17, Thursday	
9:00-12:00	BMGT 610
2:00- 5:00	TuTh 3:30- 4:45
December 18, Friday	
9:00-12:00	BMGT 660, 672
2:00- 5:00	BMGT 661
December 19, Saturday	
9:00-12:00	BMGT 670

Academic Dishonesty

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.

Comments:

1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

Comments:

1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of this section.

C. FACILITATING ACADEMIC DISHONESTY

Internationally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

Comments:

1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate indentation and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's, *A Manual for Writers of Term Papers, Thesis and Dissertations).*
2. *Paraphrase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words.
   A footnote acknowledging only a directly quoted statement does not suffice to notify the reader of any preceding or succeeding paraphrased material.
3. *"Borrowed Facts or Information:* Information obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged.
   Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

ACADEMIC DISHONESTY IS A SERIOUS OFFENSE WHICH FREQUENTLY RESULTS IN SUSPENSION OR EXPULSION FROM THE UNIVERSITY

TO REPORT ACADEMIC DISHONESTY DIAL 454-4746 AND ASK FOR THE "CAMPUS ADVOCATE"

STUDENTS ACCUSED OF ACADEMIC DISHONESTY SHOULD REQUEST A COPY OF THE DOCUMENT "PREPARING FOR AN ACADEMIC DISHONESTY HEARING", AVAILABLE IN THE JUDICIAL PROGRAMS OFFICE (454-2927)

Change of Address Procedure

Change in either local mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

1. Office of the Bursar, Address Unit, South Administration Building, Room 1121 or 1103, 8:30 a.m. to 4:15 p.m., Monday-Friday.
2. Registration Counter, North Administration Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, North Administration Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Honors for excellence in scholarship are determined by the highest 2% Summa Cum Laude, the next 3% Magna Cum Laude, and the following 5% Cum Laude of the G.P.A.'s of the preceding three graduating classes of each degree granting unit. To be eligible for this recognition, a total of at least 60 semester credits earned at the University of Maryland is required. Of these 60 credits, at least 30 credits must have been earned at the College Park campus. No student with an average less than 3.00 will be considered. (The computation of the average does not include grades for courses taken during the last semester of registration before graduation, although the hours earned for that semester will apply toward the 60-hour requirement.)

Computer Science Center

Non-Credit Short Courses (Fall 1987)

Attend a *free* "Introduction to the Computer Science Center." One-hour orientation to the Computer Science Center seminar for new and potential computer users. No need to register; held during October. Look for dates and times in the Diamondback.

The Computer Science Center and Computer Science Department will hold their Fall 1987 series of non-credit computer short courses beginning in October. These courses are designed to provide an opportunity for the University of Maryland community to gain familiarity with the use of computers. Call the Program Library, X4261 for more information.

Disabled Student Services

Special assistance is available for students with disabilities. Among the services offered are: assistance with registration, reader services, interpreter services, and classroom accessibility information. Students should contact the D.S.S. office at the earliest possible opportunity prior to the registration period so that services can be arranged in advance.

454-5028 (voice)
454-5029 (TDD)

Contact the Disabled Student Service Office in the Counseling Center, Shoemaker Hall, Room 0126, 8:30 to 4:30 Monday through Friday.

Emergency Weather Conditions

Code GREEN — Campus is open. All classes will start on time.

Code YELLOW — Campus opens two hours late. All classes scheduled to start prior to 10:00 a.m. are cancelled.

Code ORANGE — All classes are cancelled.

Code RED — The campus is closed. All classes are cancelled and all offices are closed.

Stations Designated to Broadcast Emergency Condition Reports

Radio Station	*Frequency*	*Location*	*TV Station*	*Channel*	*Location*
WTOP	1500 AM	D.C. Area	WRC	4	D.C. Area
WRC	980 AM	D.C. Area	WJLS	7	D.C. Area
WMAL	630 AM	D.C. Area	WUSA	9	D.C. Area
WCLY	95.5 FM	D.C. Area	WMAR	2	Baltimore Area
WGMS	103.5 FM	D.C. Area	WJZ	13	Baltimore Area
WBAL	1090 AM	Baltimore Area	WBAL	11	Baltimore Area
WCAO	600 AM	Baltimore Area			

CAMPUS INFORMATION: 454-3311

Engineering Jobs Hotline — 454-7676

This is a listing of currently available part-time, off- and on-campus engineering jobs paying various hourly rates. The line is in operation 24 hours a day. Call **454-7676.**

Experiential Learning Programs

0119 Hornbake Undergraduate Library, 454-4767

Experiential Learning Programs (ELP) offers four of the University's most exciting learning opportunities — internships, cooperative education, volunteer service, and student exchange. Each is designed to give students "hands-on" experience that can help them integrate classroom learning with practice, provide valuable on-the-job experience, make professional contacts, observe career fields first-hand, experience different educational, work or cultural environments and clarify personal and professional goals.

Internships

An internship is a paid or unpaid work experience with specific educational objectives that can be granted academic credit. Students can use extensive ELP listings, which include more than 2000 opportunities in more than 1100 organizations, businesses and agencies to identify possible internships. Directories and catalogues are also available in the ELP office which describe hundreds of other local and national positions. In addition, the ELP staff can show students how to investigate and design unique internship opportunities which might not be listed in our files. Once students have found a placement, they can enlist a full-time faculty member to provide sponsorship for academic credit.

Internship Credit Policies for ___ 386 / ___ 387

Students can earn academic credit for their internship experience through departmental internships or through the campus-wide internship courses ___ 386 Field Experience and ___ 387 Analysis of Field Experience. The following are Campus Senate Policies regarding ___ 386 / ___ 387:

- ___ 386 and ___ 387 may be taken by any student with the permission of a full-time faculty member, **if** it is a departmental option and in accordance with departmental requirements and internship policies.
- ___ 386 and ___ 387 must be taken concurrently.
- ___ 386 and ___ 387 may be taken for a letter grade or pass-fail.
- ___ 386 and ___ 387 are variable credit courses. Each may be awarded from 1-3 credits with a maximum of 6 credits for the two courses combined, unless otherwise stipulated by departmental policy.
- ___ 386 and ___ 387 may be taken only once in a given department.
- ___ 386 and ___ 387 may be taken in only one department per semester.
- ___ 386 and ___ 387 may be taken for a maximum of 24 credits in an undergraduate program.

Mandatory Learning Proposals

Learning Proposals, which can be obtained in the ELP office, are **mandatory** for all students taking ___ 386 Field Experience and ___ 387 Analysis of Field Experience. The Learning Proposal is a learning contract that spells out and clarifies the nature of a student intern's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation, and contact with the faculty sponsor. The process for developing a Learning Proposal is intended to include the student, faculty sponsor and the on-site supervisor, all of whom must sign the finished proposal before it is returned to ELP.

Students must have Learning Proposals completed and copies to ELP, faculty sponsors and on-site supervisors, no later than the third week of the semester. If the Learning Proposal is not completed, the student may have his/her ___ 386 / ___ 387 credit removed. It is, however, strongly recommended that the Learning Proposal be completed before a student registers for ___ 386 / ___ 387. Thus, the student, faculty sponsor and on-site supervisor can be in agreement about the expectations of the internship experience prior to registration.

Cooperative Education for Liberal Arts and Business

Cooperative Education is the most intensive form of experiential learning. Students alternate one or two semesters of full-time paid employment with semesters of full-time study. Co-op employees include hundreds of agencies within the federal government and leading private organizations. Most co-op students are then offered permanent positions after graduation. To be eligible a student must have completed 36 credits, 12 of which must be from UMCP, with a 2.0 G.P.A. Sign-up for one of our weekly information sessions to learn how co-op can help you earn a future while you earn a degree! But remember, you need to apply a full semester in advance of when you would like to co-op, so stop by today!

Volunteer Service

Students can learn while being of service to others as a student volunteer. The ELP office lists more than 400 different opportunities for community and public service in a variety of settings, addressing such issues as child welfare, family services, illiteracy, hunger, homelessness, and environmental preservation. Students are encouraged to incorporate some volunteer service as part of their undergraduate experience. The opportunities to be of service are almost without limit.

National Student Exchange Program (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at 75 participating public colleges and universities across the country. UMCP students pay Maryland tuition and fees and exchange with a student wishing to come to College Park for a semester or a year. NSE offers the opportunity to explore new geographical settings, experience academic diversity, and study under different educational and social circumstances in various parts of the continental U.S, Hawaii, the Virgin Islands, and Puerto Rico. While the application deadline is March 1st for the following academic year, students who are interested in NSE are encouraged to contact the ELP office as soon as possible to plan for their exchange.

Golden Identification Card Program

The College Park campus participates in the University of Maryland's Golden Identification Card Program. The campus makes available various courses and services to persons who are 60 years of age or older by the first class day, residents of the State of Maryland and retired (not engaged in gainful employment for more than 20 hours per week) or who are under 60 years of age and are retired and disabled as defined by the Social Security or Railroad Retirement Act. When persons eligible for this Program apply, or are newly admitted to the Program, they may register for credit courses as regular or special students in any session.

Tuition and most other fees are waived. The Golden Identification Card entitles eligible persons to certain academic services, including the use of the libraries, free admission to UMCP athletic events, as well as certain other non-academic services. Such services are available during any session only to persons who have registered for one or more courses for that session. A card is issued after registration.

Golden I.D. students also have the opportunity to become involved in the Golden I.D. Student Association which provides cultural and social events, course recommendations, and peer advising.

For further information, please contact the Registrations Office, North Administration Bldg., 454-5559, or the Golden I.D. Student Association Program, Room 0119 Hornbake Library, 454-4767.

Guidelines to Administration for Examinations and Tests on Religious Holidays

All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes and/or the Undergraduate Catalog*. Unpublished changes in the scheduling or location of class/tests must be approved by the department chairman and reported to the Dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests and examinations

It is the policy of the University to excuse the absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations that fall on religious holidays. In addition, examinations and tests may not be scheduled on Rosh Hashannah, Yom Kippur, or Good Friday. An instructor is not under obligation to give a student a make-up examination unless the absence was caused by illness, religious observance, participation in University activities at the request of University authorities, or compelling circumstances beyond the student's control. In cases of dispute the student may appeal to the Chair of the department offering the course, *within one week from the date of the refusal of the right to take a make-up exam.*

A make-up examination, when permitted, must be given on Campus, unless the published schedule and course description require other arrangements. The make-up examination must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be given while the material is still current. The make-up must not interfere with the student's regularly scheduled classes. In the event that a group of students require the same make-up examination, one make-up time may be scheduled at the convenience of the instructor and the largest possible number of students involved. Under the same guidelines students shall have equal access to all information and drills missed due to the reasons listed.

Health Center

Check out the Health Center located directly across from the Stamp Union on Campus Drive for primary care of illness and injury, health promotion and maintenance, consultation or education. Health Center services include the dental clinic, men's clinic, women's clinic, skin care, sports medicine, physical therapy, nutrition counseling, mental health, social services, laboratory, and a pharmacy. Individual and group health education programs are also available on topics such as sexual health, stress management and substance use and abuse.

The Health Center is open 24 hours, seven days a week. Hours vary during semester breaks and holidays. Appointments are recommended. Students, however, are also seen on a walk-in basis. Some problems may require referral outside the Health Center at the student's expense.

Currently registered students who have paid the health fee are eligible for care. This fee covers most routine costs. There are additional charges for special services such as X-ray, laboratory tests, dental treatment, allergy injections, and pharmacy supplies.

All information in student medical records is confidential. Medical information is released only with the student's written permission or court-ordered subpoena. The Health Center does not issue routine absence excuses for illness or injury. In cases of prolonged absence or a missed exam, with the student's signed permission, the Health Center will verify dates of treatment.

Health Center telephone numbers to remember: information X3444, appointments X4923, mental health service X4925, pharmacy X6439, health insurance X6750, health education X4922.

UMCP Human Relations Code

THE UMCP HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE COLLEGE PARK COMMUNITY ON THE BASES OF:

- race
- color
- creed
- sex
- sexual harassment
- age
- marital status
- national origin
- personal appearance
- political affiliation
- mental or physical handicap
- the exercise of the rights secured by the First Amendment of the United States Constitution, such as the right to assemble peacefully, freedom of speech, including the expression of sexual preference.

If you feel you have been subjected to any form of discrimination, you may file a complaint with a member of the Human Relations Code Equity Team, which includes:

MS. GLADYS BROWN, J.D.
Campus Compliance Officer and Acting Director
UMCP Human Relations Programs
1107 Hornbake Library
X4124 or X4707

EQUITY ADMINISTRATORS:

DR. MARILYN R. BERMAN
College of Engineering
1131L Engineering Classroom Bldg.
X4048

MR. EUGENE M. BRITT
College of Agriculture and College of Life Sciences
1221 Symons Hall
X3743

DR. JUDY BROWN
College of Business and Management
3410 Tydings Hall
X2406

DR. KENT CARTWRIGHT
College of Arts and Humanities
Francis Scott Key Hall
X6797

DR. CAROLINE B. CODY
College of Education
Benjamin Building
X2014

DR. REESE CLEGHORN
College of Journalism
2109 Journalism Building
X5715

MR. WILLIAM D. CUNNINGHAM
College of Library and Information Services
4111C Hornbake Library
X2376

MS. MAITLAND W. DADE
Office of Institutional Advancement
2101 Turner Laboratory
X4198

DR. MARIE DAVIDSON
Academic Affairs
1119 Main Administration Building
X2052

MS. SHARON FRIES
Student Affairs
2108 North Administration
X2925

DR. EFFIE A. HACKLANDER
College of Human Ecology
1100C Marie Mount Hall
X5387

MS. DIANA JACKSON
College of Behavioral and Social Sciences
2141 Tydings Hall
X5272

MR. FRANK MORRIS
School of Public Affairs
Morrill Hall
X6193

MS. LYNETTE OVERBY
College of Physical Education, Recreation and Health
2314 PERH Building
X3096

MR. STEPHEN F. SACHS
School of Architecture
1205 Architecture Building
X4174

DR. SYLVIA STEWART
Administrative Affairs
1132 Main Administration Building
X2367

DR. JAMES M. WALLACE
College of Computer, Mathematical, and Physical Sciences
Mathematics Building
X4906

REASONS
to advertise in the Schedule of Classes

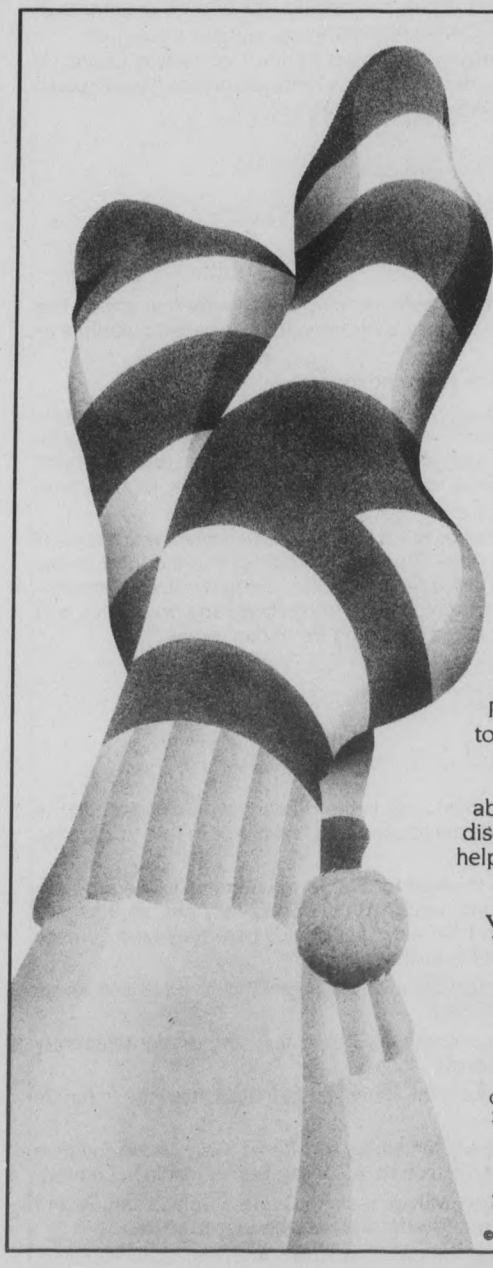
• DISTRIBUTION OF 50,000 COPIES

• EVERY STUDENT MUST READ THIS OFFICIAL SCHOOL PUBLICATION.

• WE OFFER 100% READERSHIP.

FOR ADDITIONAL INFORMATION PLEASE CALL

RISA SEILER
454-4168



Cold Feet?

Don't get cold feet about a pelvic exam. Do what I did, call Planned Parenthood. At Planned Parenthood, my Nurse Practitioner took lots of time to explain the exam to me. She answered all my questions and really treated me like a person. I wanted to talk about birth control so one of the counselors discussed all the methods available. With her help I was able to make the decision that was right for me.

You don't have to get cold feet about your health. Just call Planned Parenthood.

PLANNED PARENTHOOD OF METROPOLITAN WASHINGTON, D.C.
Locations throughout the national capital area

Ophelia Egypt 202/581-5710	O Street 202/483-3999	Schumacher 202/347-8512
	Bailey's Crossroads 703/820-3335	Fairfax 703/385-3404
Rockville 301/468-7676	Landover 301/773-5601	Silver Spring 301/588-7933

©1986 Planned Parenthood of Metropolitan Washington, DC.

Silver Spring

Live in the Quiet Seclusion Of

GREENWICH WOODS

Wall-To-Wall Carpeting
Washer/Dryer
Fully Equipped Kitchens
Large Ranch Rooms With Bay Windows
Beautifully Landscaped
Community w/swimming pool & playground
HBO Available.

NEAR: Beltway, Schools, Churches, Metro, Shopping & University of Md.

434-0025

1, 2, 3 Bdrm. Apts.
Some w/Dens

Open Daily 9-6,
Sunday 12-5

Directions: Take Capitol Beltway to New Hampshire Ave. (Exit 28-B). Proceed to 1st traffic light. Turn left on Oakview Dr. 1 block to Greenwich Woods.

Quality Built by Artery Org.
Management by Dreyfuss

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Fall 1987 session will receive a new Registration Card along with their Class Schedule and Bill. This card will validate their Photo Identification Card. Both cards should be carried at all times.

Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Dining Services Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $7.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registrations (454-5365).

International Student Information

F-1 Visa Students: Students with F-1 status are responsible for maintaining the regulations of the U.S. Immigration and Naturalization Service pertaining to their F-1 student status. The regulations affect areas concerning extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

Students on Nonimmigrant Student (F-1 and J-1) Visas: In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in Immigration regulations.

Passports: Your passport must be kept valid at all times for at least six months into the future.

All Students on Immigration and Nonimmigrant Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Registrations and Records. You will be required to show proof of health insurance.

International Students Information and Questions: The Office of International Education Services, Room 2115, North Administration Building.

Job Referral Service

The Job Referral Service, an extension of the Office of Student Financial Aid, maintains listings of available part-time, temporary, and summer jobs located on and off campus. There is no financial evaluation to determine the eligibility for positions listed. The jobs are offered independent of need.

This service is available at no cost to prospective employers and students. Employers list their vacancies through our office by calling 454-2821. Students must be enrolled for the current semester at the University of Maryland, College Park campus or University College. Peer advising is provided to help match student's qualifications with requirements of various positions.

The Job Referral Service is located in Room 3120 Hornbake Building (South Wing) and is open Monday-Friday from 8:30 a.m.-4:30 p.m. Students are encouraged to stop by or call 454-2490 for more information about the service.

Learning Assistance Service (LAS)

Located in the University of Maryland's Counseling Center, Shoemaker Building, LAS provides academic support for undergraduate and graduate students and faculty/staff. Areas of support include mathematics, writing, reading, examination skills, introductory college level science and statistics courses, note taking, time management, grammar, spelling and vocabulary. Special programs are also offered for returning students, international students and college-bound high school students. Call X2935 for information.

UMCP Libraries

UMCP Libraries includes over 1.8 million volumes, approximately 2.3 million microform units, and approximately 20,000 current periodicals and newspapers, as well as 60,000 government documents, 91,000 maps, 36,000 phonorecords, films and filmstrips, slides, prints, and music scores.

The **Theodore R. McKeldin Library** is the main library of the UMCP library system, containing reference works, periodicals, circulating books, and other materials to support mainly the graduate and research programs of the University in the life sciences, social sciences and humanities. Special collections housed here include literary manuscripts and collections, the East Asia Collection, Maryland state documents and Maryland related books and manuscripts, and University of Maryland archives.

The **Hornbake Library** houses reference, circulation, and reserve services aimed for undergraduates, a study room open 24 hours a day during spring and fall semesters, and the most study space of any campus library. The Nonprint Media Services Department on the fourth floor of Hornbake Library features color video tape players and playback units, enclosed rooms equipped with instructor's consoles for the use of nonprint media materials, dial access capabilities for instructional purposes, as well as tapes, records and films for use of the University community.

Besides Hornbake Library, other branch libraries include:

- **Art Library** (Art-Sociology Building)
- **Architecture Library** (Architecture Building)
- **Engineering and Physical Sciences Library** (Mathematics Building)
- **Music Library** (3rd floor, Hornbake Library)
- **White (Chemistry) Memorial Library** (Chemistry Building)

All University of Maryland students, faculty, and staff may borrow from all UMCP Libraries.

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. Extension X3645.

Office of Public Service

The Office of Public Service provides information referral to outside callers interested in using the resources of any of the University's five campuses. Help is available to staff and students too. Located in the Institute for Governmental Service, 2101 Woods Hall. Hotline number: 454-3000.

Policy on Non-Discrimination

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, and handicap. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended. Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, or related legal requirements should be directed to the appropriate individual designated below.

Campus Compliance Officer and the Acting Director
of the Office of Human Relations
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742

Campus Coordinator for §504 of the
Rehabilitation Act of 1973
Room 2101, Main Administration Building
University of Maryland, College Park
College Park, Maryland 20742

Returning Students Program

Are you 25 or over and beginning or coming back to school after a break in your formal education? If so, the Returning Students Program, located on the second floor of the Shoemaker Building in the Learning Assistance Service, offers you many resources. Come and explore our extensive information and publications network. The Returning Students Program's professional counselors and returning students trained as peer advisors are available to help you. Call 454-2935 or stop by to see us. Our workshops in study skills, time management, goal setting, exam skills, and library skills are scheduled several times during each semester. EDCP 108R — a one-credit course for returning students is offered Fall and Spring semesters. This course includes exploration of academic, career, and personal goals, as well as study skill techniques and information about campus resources.

Sexual Harrassment

A revision of the 1980 statement on sexual harrassment has recently been issued by Chancellor Slaughter. The new statement, entitled *Campus Policy and Procedures on Sexual Harrassment,* may be obtained by calling the Human Relations Office, X4707.

Shuttle-UM

Shuttle-UM offers both commuter service and on-campus security service. Shuttlebus service information and schedules can be picked up at the following locations: Stamp Union Information Desk, Commuter Affairs Office in the Stamp Union, and the Shuttlebus Office in Lot 7. For information call X2255.

Skills for Success Workshops

Interpersonal Growth Groups

The Counseling Center offers a skill-building workshop series entitled SKILLS FOR SUCCESS. The SKILLS FOR SUCCESS workshops are designed to help you more effectively meet the demands of your academic work, your career, and your personal relationships. The wide range of topics includes such things as **assertiveness training, career exploration and planning, study skills, time management, stress management, communication skills, and exam skills.**

The Counseling Center also offers support groups for adult children of alcoholics. In addition, individual counseling, self-help programs, and group counseling are offered dealing with vocational, educational, emotional, social and marital concerns.

If you are interested in any of these programs, please stop by the Counseling Center in Shoemaker Building for program schedules and descriptions. Our receptionists will gladly assist you in registering for the program of your choice. Call 454-2931.

Smoking Policy

Effective with the Spring 1986 semester, a campus wide smoking policy went into effect. The policy of the College Park campus is to achieve a public environment as close to smoke-free as practicably possible.

The campus smoking policy is comprised of the following guidelines:

Smoking is prohibited in indoor locations where smokers and non-smokers occupy the same area. This includes academic areas such as: classrooms, lecture halls, laboratories, and libraries. Other no smoking areas include: conference rooms, indoor athletic facilities, theatres, retail stores, health facilities, and common/public areas such as: stairwells, elevators, lobbies, hallways, reception areas, and restrooms.

As a general rule, preferential consideration shall be given to non-smokers whenever it is clear that they are being exposed involuntarily to smoke. This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the campus community to observe the Smoking Policy and Guidelines, and to direct those who choose to smoke to designated 'Smoking Permitted' areas.

Study Abroad

Study in London — The curriculum consists of courses in the Humanities, Business and the Social Sciences which focus on Britain. Students are housed with families or in flats to increase their immersion in British life.

Study in Israel — Offers a semester of study in Israel for the Spring Semester. The program includes a week long orientation in Tel Aviv and Jerusalem, a kibbutz stay and an intensive Hebrew language course. Students then attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East studies.

Study in China — Offers intensive Chinese language at the beginning to advanced levels during a spring semester in Beijing.

Study in Denmark — The curriculum offers courses in English focusing on contemporary Europe. Students housed with families or in dorms.

Study in Brazil — Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.

Summer programs — For 1988 the following will tentatively be offered: German language in Kassel, West Germany; Architecture in Rome; Architecture in Turkey; British Media in London.

Maryland Exchanges — There are exchanges with schools in China, England, Japan and Germany. All require at least 2 years of appropriate language study and a 3.0 GPA.

FOR INFORMATION, CONTACT: Study Abroad Office, 1113 North Administration Building, 454-8645.

Everywhere he went, Norman ran into a Sovran Bank.

When Norman found out about Sovran Bank/Maryland's convenient location near the University of Maryland, he opened a checking account there.

He liked it so much, the next day he went back to open his pre-approved Personal Line overdraft protection. And he figured while he was there, he'd better get a Cash Flow® card for easy ATM access. Now Norman can go all around town and still be close to his bank.

SOVRAN BANK®

©1987 Sovran Financial Corporation
Sovran Bank, N.A.: Sovran Bank/Maryland; Sovran Bank/DC National

Member FDIC.

Adelphi

All the Extras
for Nothing Extra

OAKTON APARTMENTS

Wall-to-wall Carpeting
Spacious Rooms
Newly Remodeled Kitchens
Swimming Pool
Wooded Grounds
Solid Construction
Minutes to
University of Maryland
Close to Metro, School,
Shopping & Churches

ALL UTILITIES INCLUDED

434-4303

1, 2, & 3 Bedroom Apartments

Open Daily 9-6
Sunday 12-5

Directions: Capitol Beltway to Exit 28-B (New Hampshire) to second light (Adelphi Rd.) left on Adelphi. Proceed 1½ blocks to rental office at 9408 Adelphi.

Management by Dreyfuss

TEL-UM INFO — A Phone Service of Free Information

QUESTIONS ABOUT UM?

. . . Call TEL-UM for the answers to the most commonly asked questions. Easily accessible information and referral to the appropriate person or office for follow-up.

Local 454-INFO / In Maryland (800) 492-0703 / Outside Maryland (301) 454-INFO

CALLING PROCEDURE:

- Select the tape number from the listing which you want to hear.
- Dial the appropriate phone number.
- An operator will answer and ask which tape you wish to hear.
- State the tape number to the TEL-UM operator.
- Listen to the tape.
- If you wish to hear another tape, hang up and dial again.

HOURS OF OPERATION

TEL-UM INFO is available seven days a week, excluding holidays, according to the following schedule:

Monday-Saturday	8:00 a.m.-12:00 midnight
Sunday	12:00 noon-12:00 midnight

ADMISSIONS
1. Application process (Undergraduate students)
400. Application process (Graduate students)
2. Application for Summer Session
3. Transfer of Academic Credit
151. Transfer from MD Community Colleges

ORIENTATION PROGRAM FOR NEW STUDENTS
4. Maryland Preview — Orientation Service for Freshmen, Transfers and Parents of New Students
5. Maryland Preview — Orientation Application Procedures
6. Maryland Preview — Changing Your Orientation Date
7. Advisement and Registration Procedures for Students Unable to Attend Orientation Programs
8. Tours of Campus
9. Campus Activities/Events Available to New Students Prior to Enrollment
10. Campus Size — A Help or a Hindrance?
130. Orientation Advisor Position
520. "First Look"

FINANCES
11. Student Fees (Undergraduate Students)
401. Student Fees (Graduate Students)
12. Student Fee Refunds
13. Financial Aid (Undergraduate Students)
402. Financial Aid (Graduate Students)
14. Establishing In-State Residency for Fee Purposes
15. Banking
606. Office of the Bursar/General Information

HOUSING
16. On-Campus Housing — Resident Life Services and Programs
17. On-Campus Housing — Maryland Residents
18. On-Campus Housing — Non-Maryland Residents
19. On-Campus Housing — Overflow
20. Off-Campus Housing — Fraternity and Sorority Boarding
403. Graduate Student Housing
21. Off-Campus Housing Service
22. Off-Campus Housing — Signing a Lease
23. Temporary Housing

FOOD ON CAMPUS
24. Eating on Campus
25. Board Plan Options
26. Special Board Options (Kosher, Vegetarian)

REGISTRATIONS
27. Early Registration
28. Registration during Orientation
29. Armory Registration
30. Changes in Registration (Drop/Add, Cancellation)
79. Student ID Cards
99. Transcript Requests

ACADEMIC SKILLS AND ISSUES
31. Academic Advising
32. Grading and Retention
80. Alternative Grading Options
107. Receiving a Grade of "Incomplete"
84. Academic Probation and Dismissal
83. Withdrawing from/Returning to the University
33. Choosing a Major
34. Changing a Major, College, Division
35. Credit by Examination
81. Honors Program
3. Transfer of Academic Credit
36. Taking Notes
37. Speed Reading
38. When, Where and What to Study
39. Test Anxiety
40. Tutoring Services
41. Reading and Study Skills Laboratory
82. Academic Dishonesty (Cheating, Plagiarism)
123. Academic Dishonesty II (for Faculty and Staff)
42. Special Requirements, College of Business and Management
43. Special Requirements, School of Architecture
44. Special Requirements, College of Engineering
109. Internships and Volunteer Service
121. Cooperative Education (Co-op)
44. On-Campus Opportunities in the Arts
46. Studying Abroad
47. Pre-Professional Programs and Advising
48. Library Facilities
99. Transcript Requests
112. Graduate Entrance Examinations
122. ROTC
500. Advising in Academic Divisions & Departments

ACTIVITIES/INVOLVEMENT/OPPORTUNITIES
110. Swim Facilities
50. Intramural Sports
51. On-Campus Leisure Opportunities
52. Fraternities and Sororities
53. Opportunities in the Arts
54. Intercollegiate Sports
85. Craft Shop (Student Union)
86. Recreation Center (Student Union)
87. Space Reservations (On-Campus)
88. Ticketron Service
96. Camping Equipment
55. Joining a Student Group
113. Resource Center for Student Organizations
89. Leadership Development Planning Team
90. Leadership Development Course
91. Leadership Workshops (Advanced)
98. Student Government
95. Alumni Association
114. Parent Association

CAREER ISSUES
92. Resume Preparation
93. Preparation for Employment Interviews
94. Establishing a Placement File (Credentials)
58. Career Development Services
601. Summer Jobs
602. Strategies for Researching the Hidden Job Market

STUDENT SERVICES
1. Admissions
15. Banks
56. Bookstore
57. Campus Activities
58. Career Development Services
116. Chapel Facilities
59. Child-Care Alternatives
60. Commuter Affairs
62. Counseling Center
63. Disabled Student Services
109, 121. Experiential Learning Center
118. Foreign Student Services
64. Health Center
65. HELP Center (Student Crisis Intervention Center)
117. Intensive Educational Development Office
115. Job Referral Service
97. Judicial Programs Office
66. Minority Support Systems
21. Off-Campus Housing
4. Orientation
41. Reading and Study Skills Laboratory
67. Religious Services
16. Resident Life
68. Returning Studens
13. Student Aid Office
69. Student Union
70. Veterans
119. Women's Programs and Services
49. Jewish Student Center
500. Advising in Academic Departments
600. Human Relations Office
603. Campus Mediation Service
604. Who was Adele H. Stamp?
607. Student Entertainment Enterprises Information Line

INTERPERSONAL
300. When Should I Seek Outside Help for Personal Problems?
301. Re-examining My Values
302. Coping with Shyness
303. Anxiety and Possible Ways to Cope With It
304. How to Deal with Loneliness
305. How to Handle Fears
306. Coping with Stress
307. The Female Sex Role — Changes and Stresses
308. The Male Sex Role — Changes and Stresses
309. Death and Dying
310. Understanding Grief
311. Helping a Friend
312. Early Signs of an Alcohol Problem
313. Responsible Decisions About Drinking
314. How to Deal With Depression
315. Becoming Independent from Parents
316. Suicidal Crisis

SECURITY
71. Protecting Yourself and Your Property
100. Personal Property Insurance

HEALTH
101, 312, 313. Alcohol
102. Drugs
103. Pregnancy Evaluation
111. Men's Clinic
104. Women's Health Clinic
105. Student Health Insurance
64. Health Center
61. Community Health Resources.
605. Adult Health and Development Program

STUDENT RIGHTS AND RESPONSIBILITIES
106. Students Rights and Responsibilities
82. Academic Dishonesty (Cheating, Plagiarism)
97. Judicial Programs Office
108. Legal Aid Office
120. Parking Ticket Appeals Process
600. Human Relations Office
603. Campus Mediation Service

TRANSPORTATION
72. Transportation Alternatives
73. Public Transportation
74. Car-pooling
75. Registering Your Car
120. Parking Tickets Appeals Process
76. Bicycles, Mopeds & Motorcycles
77. Parking
78. Shuttle-UM

COURSES
201. Afro-American Studies Program
202. ASTR 100 Introduction to Astronomy
203. BOTN 100 General Botany (Non-Science Majors)
204. BOTN 101 General Botany
205. CHEM 101 Introduction to College Chemistry
206. CHEM 203 College Chemistry I
207. THET 110 Introduction to the Theater
208. EDCP 108 College Aims (Reading & Study Skills, Career Planning, Survival Techniques, Returning Women)
209. ENGL 101 Freshman English, 101A, 101X
210. ENTM 100 Insects
211. GVPT 170 American Government
212. HIST 156 History of U.S. to 1865
213. HIST 157 History of U.S. (1865-1976)
214. JOUR 100 Introduction to Mass Communication
215. LENF 100 Introduction to Law Enforcement
225. MATH 001 Review of High School Algebra
216. MATH 110 Introduction to Mathematics I
217. MATH 115 Pre-Calculus I
218. MATH 140 Calculus I
219. Music Courses for Non-Music Majors
220. PSYC 100 Introduction to Psychology
221. Physical Education Courses
222. SPCH 100 Introduction to Speech
223. SOCY 100 Introduction to Sociology
224. ZOOL 101 General Zoology

Term Paper Workshops

The Hornbake Library offers workshops to help you find the library materials and information you need to write your research papers. For more information, call 454-4737.

Transcript Services

An unofficial transcript will be available with your early registration materials each semester. This copy is for your personal use and serves as a way for you to check the accuracy of the record. At other times unofficial transcripts are not available unless required for on-campus advisement purposes for currently enrolled students. They are available at Deans' offices on campus.

If you have need of record information for other purposes, please request an official transcript at the Registrations Office, North Administration Building. Official transcripts are generally processed within a week and on occasion, the same day. Request must be in writing. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Registrations Office (x5559) if you have further questions.

Tutorial Programs

FREE tutorial services are available to all UMCP students for over one hundred 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen undergraduate and graduate students. To request tutoring, go to the Office of Special Student Support Services, Room 0112 Chemistry, to fill out a request form. You will be assigned a tutor at that time, or shortly thereafter.

Students who wish to become tutors should call 454-5648, or go to Room 0112 Chemistry for further information.

UMaps

"Find Yourself" at UMCP. UMaps highlight campus opportunities by helping you to identify courses, clubs, activities, internships, and employment related to your particular areas of interest. Look for UMaps posted around campus, and pick up your personal copies at the Office of Commuter Affairs, 1195 Stamp Student Union, 454-3645.

University College Students

University College students who wish to enroll at the College Park campus while continuing to pursue a degree program at University College must first obtain a letter of permission from University College.

In order to be eligible for a letter of permission, UMUC students must have completed a minimum of 15 semester hours of coursework with University College and have an overall grade point average of 2.0 for all University of Maryland coursework. In addition to the above, students who were previously enrolled at UMCP must have completed a minimum of 15 semester hours of coursework with University College with at least a "C" (2.0) grade point average *since* their last enrollment at UMCP and have prior written approval from the College Park Reenrollment Office if they have been denied reinstatement.

Eligible students may request a letter of permission by calling or writing the UMUC Director of Admission and Registration Services in the Center of Adult Education, Room 0300, telephone 985-7262. Please request the letter at least two weeks prior to the date it is needed. Present the letter to registration officials at UMCP in order to complete your registration.

University Policy on Disclosure of Student Records (Buckley Amendment)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights and Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records
(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent
(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information consists of:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Photograph	Most Recent Previous Educational Institution Attended
Major Field of Study	

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, North Administration Building, and return the completed form to the Registrations Counter. **Requests to limit disclosure of Directory information must be made within 3 weeks from the first day of the semester in which the student begins each school year. Such requests must be filed annually within the above allotted time.**

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Health, Education and Welfare, 330 Independence Avenue, S.W., Washington, D.C. 20201.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

Veterans Benefits

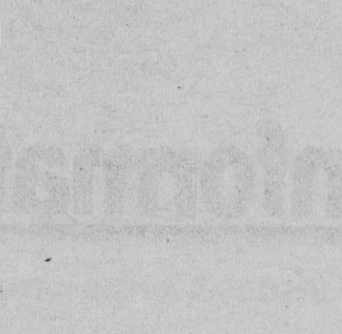
Students attending the University under the Veteran's Education Assistance Act may receive assistant and enrollment certification at the Veterans Certification Office on the 1st floor of the North Administration Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services. Telephone 454-4555.

WE'RE HERE FOR YOU!

Stamp Student Union

THE TICKET OFFICE

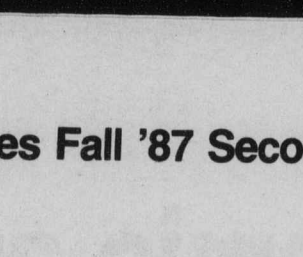
X2803



MON–FRI
10:00 a.m.–4:30 p.m.
SAT
9:00 a.m.–12:00 noon

THE OUTHAUS

X2186



MON–FRI
10:30 a.m.–8:00 p.m.

THE RECORD COOP

X5855

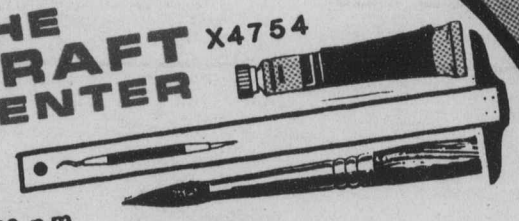
MON-THUR
9:30 a.m.–9:00 p.m.
FRI
9:30 a.m.–8:00 p.m.
SAT
11 a.m.–6 p.m.
SUN
12:00 noon–5:00 p.m.

THE UNION SHOP

X5928
MON-THUR
7:30 a.m.-7:30 p.m.
FRI
7:30 a.m.–5:00 p.m.
SAT
11:00 a.m.–5:00 p.m.

THE CRAFT CENTER

X4754



MON–THUR
11:00 a.m.–9:00 p.m.
FRI–SAT
12:00 noon –5:00 p.m.
Membership & hourly rate available

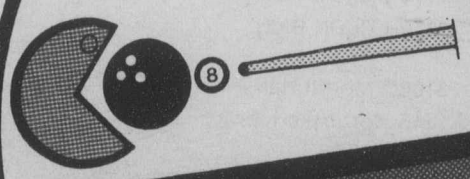
THE UNION FLOWER SHOP

MON- FRI
9:00 a.m. –5:00 p.m.

X5928

THE RECREATION CENTER

X2804

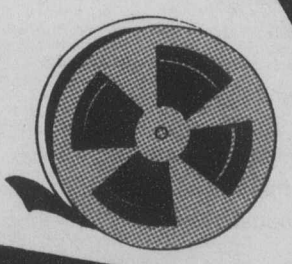


MON–THUR
8:00 a.m.–10:30 p.m.
FRI–SAT
10:00 a.m.–12:30 a.m.
SUN
12:00 noon–10:30 p.m.

THE HOFF THEATER

X2594

TUES–SUN
7:00 p.m. & 9:30 p.m.
FRI & SAT LATESHOW
12:00 midnight



Academic and Advisement Information

College Organizational Chart

COLLEGE OF AGRICULTURE
- VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE — MARYLAND CAMPUS

DEPARTMENT OF:
- AGRICULTURAL ENGINEERING
- AGRICULTURAL AND EXTENSION EDUCATION
- AGRICULTURAL AND RESOURCE ECONOMICS
- AGRONOMY
- ANIMAL SCIENCES
- HORTICULTURE
- POULTRY SCIENCE

INSTITUTE OF APPLIED AGRICULTURE
PROGRAMS/CURRICULUM:
- AGRICULTURAL CHEMISTRY
- FOOD SCIENCE
- GENERAL AGRICULTURE
- NATURAL RESOURCES MANAGEMENT
- UNDECIDED

SCHOOL OF ARCHITECTURE

ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
PROGRAMS/CURRICULUM:
- ARCHITECTURAL HISTORY
- DESIGN
- PRESERVATION
- TECHNOLOGY
- URBAN STUDIES

COLLEGE OF ARTS AND HUMANITIES

DEPARTMENT OF:
- AMERICAN STUDIES
- ART
- CLASSICS
- COMMUNICATION ARTS AND THEATRE
- DANCE
- ENGLISH
- FRENCH AND ITALIAN LANGUAGES AND LITERATURES
- GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
- HEBREW AND EAST ASIAN LANGUAGES AND LITERATURES
- HISTORY
- HOUSING & DESIGN
- MUSIC
- PHILOSOPHY
- SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES

CENTER FOR PHILOSOPHY AND PUBLIC POLICY
COMPARATIVE LITERATURE PROGRAM
JEWISH STUDIES PROGRAM
LINGUISTICS PROGRAM
WOMEN'S STUDIES PROGRAM
CENTER FOR ARCHAEOLOGY
CENTER FOR RENAISSANCE AND BAROQUE STUDIES
LANGUAGE MEDIA CENTER

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

DEPARTMENT OF:
- ANTHROPOLOGY
- ECONOMICS
- GEOGRAPHY
- GOVERNMENT AND POLITICS
- HEARING AND SPEECH SCIENCES
- PSYCHOLOGY
- SOCIOLOGY

INSTITUTE OF CRIMINAL JUSTICE AND CRIMINOLOGY
INSTITUTE FOR PHILOSOPHY AND PUBLIC POLICY
INSTITUTE FOR URBAN STUDIES
AFRO-AMERICAN STUDIES PROGRAM
CENTER FOR INTERNATIONAL DEVELOPMENT
INDUSTRIAL RELATIONS AND LABOR STUDIES CENTER
SURVEY RESEARCH CENTER
BUREAU OF BUSINESS AND ECONOMIC RESEARCH
COMPUTER LABORATORY

COLLEGE OF BUSINESS AND MANAGEMENT

CENTER FOR BUSINESS AND PUBLIC POLICY
CENTER FOR INNOVATION
CENTER FOR MANAGEMENT DEVELOPMENT
CENTER FOR PRODUCTIVITY AND QUALITY OF WORKING LIFE
SMALL BUSINESS DEVELOPMENT CENTER
PROGRAMS/CURRICULUM:
- ACCOUNTING
- BUSINESS & MANAGEMENT — GENERAL
- DECISION AND INFORMATION SYSTEMS
- FINANCE
- MANAGEMENT SCIENCE & STATISTICS
- MARKETING
- PERSONNEL & LABOR RELATIONS
- PRODUCTION MANAGEMENT
- TRANSPORTATION

COLLEGE OF EDUCATION

DEPARTMENT OF:
- COUNSELING AND PERSONNEL SERVICES
- CURRICULUM AND INSTRUCTION
- EDUCATION POLICY, PLANNING AND ADMINISTRATION
- HUMAN DEVELOPMENT
- INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION
- MEASUREMENT STATISTICS AND EVALUATION
- SPECIAL EDUCATION

CURRICULUM LABORATORY
CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
EDUCATIONAL TECHNOLOGY CENTER
CENTER FOR YOUNG CHILDREN
OFFICE OF LABORATORY EXPERIENCES

COLLEGE OF ENGINEERING

DEPARTMENT OF:
- AEROSPACE ENGINEERING
- AGRICULTURAL ENGINEERING (See also College of Agriculture)
- CHEMICAL AND NUCLEAR ENGINEERING
- CIVIL ENGINEERING
- ELECTRICAL ENGINEERING
- FIRE PROTECTION ENGINEERING
- MECHANICAL ENGINEERING

CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
COOPERATIVE EDUCATION
ENGINEERING RESEARCH CENTER
INSTRUCTIONAL TELEVISION
SYSTEMS RESEARCH CENTER

COLLEGE OF HUMAN ECOLOGY

DEPARTMENT OF:
- FAMILY AND COMMUNITY DEVELOPMENT
- FOOD, NUTRITION AND INSTITUTION ADMINISTRATION
- TEXTILES AND CONSUMER ECONOMICS
- UNDECIDED

COLLEGE OF JOURNALISM

CENTER FOR RESEARCH IN PUBLIC COMMUNICATION
COLLEGE OF JOURNALISM
ADVERTISING
BROADCAST NEWS
NEWS — EDITORIAL
- NEWSPAPERS
- MAGAZINES
- PHOTOJOURNALISM
- SCIENCE COMMUNICATION

PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES

DEPARTMENT OF:
- BOTANY
- CHEMISTRY AND BIOCHEMISTRY
- ENTOMOLOGY
- MICROBIOLOGY
- ZOOLOGY

MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
WATER RESOURCES RESEARCH CENTER
PROGRAMS/CURRICULUM:
- GENERAL BIOLOGICAL SCIENCES
- UNDECIDED

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES

DEPARTMENT OF:
- COMPUTER SCIENCE
- GEOLOGY
- MATHEMATICS
- METEOROLOGY
- PHYSICS AND ASTRONOMY

CENTER FOR AUTOMATION RESEARCH
INSTITUTE FOR ADVANCED COMPUTER STUDIES
INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF PHYSICAL EDUCATION, RECREATION, AND HEALTH

DEPARTMENT OF:
- HEALTH EDUCATION
- PHYSICAL EDUCATION
- RECREATION

CENTER ON AGING

SCHOOL OF PUBLIC AFFAIRS
BUREAU OF GOVERNMENTAL RESEARCH

UNDERGRADUATE STUDIES

GENERAL HONORS PROGRAM
GENERAL STUDIES PROGRAM
INDIVIDUAL STUDIES PROGRAM
ALLIED HEALTH PROFESSIONS
PRE-DENTISTRY
PRE-MEDICAL
PRE-LAW
EXPERIENTIAL LEARNING PROGRAMS
UNDERGRADUATE ADVISING CENTER
CAREER DEVELOPMENT CENTER
SPECIAL STUDENT SUPPORT SERVICES
INTENSIVE EDUCATIONAL DEVELOPMENT PROGRAM
UPWARD BOUND TALENT SEARCH
RETENTION OFFICE

College Locations and Deans

College	*Location*	*Dean*	*Office*	*Phone*
Agriculture	1114 Symons Hall	Dr. Raymond J. Miller	1114 Symons	X5257
Architecture	1298 Architecture	Prof. John A. Steffian	1212 Architecture	X3427
Arts & Humanities	1111 Francis Scott Key	Dr. James H. Lesher (Acting)	1101 Francis Scott Key	X6790
Behavioral & Social Sciences	2115 Tydings Hall	Dr. Murray E. Polakoff	2141 Tydings	X2301
Business & Management	2136 Tydings Hall	Dr. Rudolph P. Lamone	3140 Tydings	X5383
Computer, Mathematical & Physical Sciences	2300 Math Bldg.	Dr. J. Robert Dorfman	2300 Math Bldg.	X4906
Education	1210 Harold R. Benjamin (Education Bldg.)	Dr. Dale P. Scannell	3119 Harold R. Benjamin (Education Bldg.)	X2013
Engineering	1131 Engineering Classroom Bldg.	Dr. George E. Dieter	1137 Engineering Classroom Bldg.	X2421
Graduate School	2nd floor, South Administration	Dr. Jacob Goldhaber	2133F South Administration	X4791
Human Ecology	1100 Marie Mount Hall	Dr. John R. Beaton	1100 Marie Mount Hall	X2136
Journalism	2109 Journalism Bldg.	Prof. Reese Cleghorn	2105 Journalism Bldg.	X5715
Library & Information Services	4105 Hornbake Library	Dr. Claude E. Walston	4105E Hornbake Library	X5441
Life Sciences	1114 Symons Hall	Dr. Raymond J. Miller	1114 Symons Hall	X5257
Physical Education, Recreation & Health	3310 Physical Education, Recreation & Health Bldg.	Dr. John J. Burt	3310H PERH Bldg.	X5616
Public Affairs	2105 Morrill Hall	Dr. Michael Nacht	3106C Morrill Hall	X6193
Undergraduate Studies	1117 Hornbake Library	Dr. Gerald Miller (Acting)	1115 Hornbake Library	X2530

Course Numbering System (All Students)

UNDERGRADUATE — eligible to register for courses numbered 000-499.

GRADUATE — eligible to register for courses numbered 400-899.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily freshman course
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course
600-899	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral dissertation credit
	Courses with last digit of 8 or 9 can be repeated for additional credit

Graduate Student Academic Information

See pages 7 and 8 for Graduate Student Registration Procedures

Advisement: Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status: Effective August 1973, official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding regular appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Table for Computing Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hr.
400-499	4 units per credit hr.
500-599	5 units per credit hr.
600-898	6 units per credit hr.
799	12 units per credit hr.
899	18 units per credit hr.

Program Changes: Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail: Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Undergraduate Academic Information

Advising (Undergraduate Students)

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

NOTE: For the following groups advising is mandatory:

Newly admitted freshman and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, and students in certain majors and colleges.

Students in pre-majors: See pages 21-22 for advising information.

Undergraduate advisors, their room numbers and telephone extensions are listed below. Students who are unable to locate an advisor, or who have questions about campus advising programs should visit or call the Undergraduate Advising Center, Room 1117, Hornbake Library, 454-2733 or 454-3040.

Academic Advisors

	Advisors	Room	Ext.
COLLEGE OF AGRICULTURE			
General Information			
Dr. Raymond Miller, Dean		SYM-1114	6332
Dr. Glenn W. Patterson, Acting Associate Dean		SYM-1122	3708
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	5257
Dr. Amel Anderson, Assistant Dean		SYM-1224	5257
Dr. Ronald J. Sebiel, Assistant Dean		ASA-2303	3938
AGRICULTURAL CHEMISTRY	Keeney, M.	CHM-2500	4417
AGRICULTURAL & RESOURCE ECONOMICS	Foster, D. W. (Coord.)	SYM-2102	1481
	Hardie, I. W.	SYM-2212B	3728
	Lessley, B. V.	SYM-2213	3802
	Strand, I. E.	SYM-2206	3801
AGRICULTURAL ENGINEERING	Shirmuhammadi, A.	SHR-1108	3901
	Stewart, L. E.	SHR-1130	3901
AGRICULTURAL & EXTENSION EDUCATION	Cooper, E. L.	SYM-0102	3738
AGRONOMY			
Crops	McIntosh, M.	HJP-0111	3717
Soils	Weil, R. R.	HJP-1103	4787
Turf & Urban Agronony	Welterlen, M. S.	HJP-1114	3716
Conservation — Soil, Water and Environment	Weil, R. R.	HJP-1103	4787
ANIMAL SCIENCE			
Coordinator	DeBarthe, J. V.	ANS-1103	4642
Dairy/Livestock	DeBarthe, J. V.	ANS-1103	4642
Poultry	Doerr, J. A.	ANS-3129A	5060
COMBINED DEGREE CURRICULUM — COLLEGE OF AGRICULTURE + VETERINARY MEDICINE + PRE-VETERINARY PROGRAM	Bradley, L. D.	ASA-1316	4631
	Ingling, A. L.	ASA-1316	4631
NATURAL RESOURCES MANAGEMENT	Gibson, G. R. (Coord.)	SYM-0218	3738
FOOD SCIENCE	Wiley, R. C. (Coord.)	HZF-1122A	2829
	Schlimme, D. V.	HZF-1122B	6526
GENERAL	Grant, L. P.	SHR-0104	3901
HORTICULTURE			
Crop Production & Science			
(A-L)	McClung, C. A.	HZF-1122C	3007
(L-R)	Gouin, F. R.	HZF-1111	3143
(S-Z)	Hershey, D. R.	HZF-1105A	2356
Landscape Design	Gould, W.	HZF-2107B	2759
PRE-FORESTRY	Kundt, J. F.	HZF-1109	6464
UNDECIDED	Grant, L. P.	SHR-0104	3901
SCHOOL OF ARCHITECTURE			
General Information			
Stephen Sachs, Associate Dean		ARCH-1298	3427

Advisor assignments available in Room 1298, Architecture.
PRE-ARCHITECTURE — **Students admitted prior to Fall 1987** — Your advising location is the College of your alternate major; if you did not choose an alternate major your advising location is the Undergraduate Advising Center.
Students admitted for Fall 1987 — Your advising location is the College of Arts & Humanities, Rm. 1111, Francis Scott Key Hall.

COLLEGE OF ARTS AND HUMANITIES			
Dr. James H. Lesher, Acting Dean		KEY-1101	6796
College Advisor Undergraduates	Bondurant, D.	KEY-1111	2737
	Doyle, T.	KEY-1111	2737
General Information			
AMERICAN STUDIES PROGRAM	Mintz, L.	TLF-2116	4661
ART STUDIO	Forbes, J.	ASY-1M320	3431
ART HISTORY	Caswell, J. M.	ASY-4222	3431
CHINESE	Sargent, S.	JMZ-2106	5152
COMPARATIVE LITERATURE	Peterson, C.	JMZ-4223	2685
DANCE	Wiltz, A.	TEE	4056
ENGLISH	Herman, H.	TLF-1122	2521
FRENCH & ITALIAN	Barrabini, M.	JMZ-3106F	4303
GERMAN	Frederiksen, E.	JMZ-3211	4301
GREEK	Duffy, J.	JMZ-4211	2510
HEBREW	Manekin, C.	JMZ-2106	5152
HISTORY	Folsom, K.	KEY-2101H	2843
HOUSING AND DESIGN	Prather, E.	MMH-3506	5271
Advertising Design	Roper, J.	MMH-1401	6325
	Gipps, T.	MMH-1401E	6267
	Thomas, C.	WOS-2407C	5755
	Thorpe, J.	MMH-2407E	5471
	Dean, S.	MMH-2407D	5498
Interior Design	Eckersley, M.	MMH-1401D	6268
	Kjaer, B.	MMH-2407F	5464
Housing	Bonta, J.	MMH-1401	2150
	Chen, A.	PKT-1105	6325
JAPANESE	Kerkham, E.	JMZ-2106	4307
LATIN	Duffy, J.	JMZ-2510	2510
LINGUISTICS	Hornstein, N.	MIL-1109	7002
MUSIC	Cooper, J.	TWS-2110	2501
PHILOSOPHY	Pasch,.A.	SKN-1119B	2850
RADIO, TELEVISION & FILM	Kirkley, D.	TWS-0207	2297
RUSSIAN AREA STUDIES	Lampe, J.	KEY-2129	4204
RUSSIAN LANGUAGE & LITERATURE	Berry, T.	JMZ-3215	4301
SPANISH & PORTUGUESE	Rentz, M.	JMZ-2215	4305
SPEECH COMMUNICATION	Doyle, T.	TWS-1146	2541
THEATRE	Meersman, R.	TWS-0240	6214
WOMEN'S STUDIES	Moses, C.	MIL-1135	3841
UNDECIDED MAJORS	Bondurant, D.	KEY-1111	2737

PRE-DESIGN AND PRE-RADIO, TELEVISION AND FILM — **Students admitted prior to Fall 1987** — Your advising location is the college of your alternate major; if you did not choose an alternate major your advising location is the Undergraduate Advising Center.
Students admitted for Fall 1987 — Your advising location is the College of Arts & Humanities.

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES			
Dr. Murray Polakoff, Dean		TYD-2141	5272
Dr. Stewart Edelstein, Associate Dean		TYD-2141	5272
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	5272
Dr. Diana Ryder Jackson, Assistant Dean		TYD-2141	5272
Ms. Chris Witherspoon, Assistant to the Dean		TYD-2141	5272
ADVISEMENT AND RECORDS			
Records Office	Hay, G.	TYD-2115	2301
	Villamizar, A.	TYD-2115	2301
Candidate Clearance	O'Donnell, D.	TYD-2115	2301
College Academic Advisors	Rich, T.	TYD-2115	2301
	Marcks, L.	TYD-2115	2301
	Hillman, L.	TYD-2115	2301
	Langa, M.	TYD-2115	2301
	Hay, J.	TYD-2115	2301
UNDERGRADUATE PROGRAMS			
AFRO-AMERICAN STUDIES PROGRAM	Williams, M.	LEF-2169	6676
ANTHROPOLOGY	Dent, J.	WDS-1106	6746
CRIMINOLOGY, LAW ENFORCEMENT	Wellford, C.	LEF-2220	7970
ECONOMICS	Straszheim, M.	TYD-3115	5443
GEOGRAPHY	Cirrincione, J.	LEF-1113	2241
GOVERNMENT & POLITICS	Lanning, E.	LEF-2181F	6739
HEARING AND SPEECH SCIENCE	McCall, J.	LEF-0141H	2546
PSYCHOLOGY	Scholnick, E.	ZOP-1128	6691
SOCIOLOGY	Altman, B.	ASY-2108	5036
URBAN STUDIES	Marando, V.	LEF-1119	6687

UNDECIDED — See a college advisor.
PRE-ECONOMICS — **Students admitted prior to Fall 1987** — Your advising location is the college of your alternate major; if you did not choose an alternate major your advising location is the Undergraduate Advising Center.
Students admitted for Fall 1987 — Your advising location is the College of Behavioral and Social Sciences, Rm. 2141, Tydings Hall.

COLLEGE OF BUSINESS AND MANAGEMENT			
Dr. Rudolph P. Lamone, Dean			
Dr. Burt A. Leete, Acting Associate Dean			
Dr. Judy S. Brown, Assistant Dean			
Dr. Lee E. Preston, Director, Ph.D. Program			
Ms. Mary Anne Waikart, Director, Masters Programs			
Ms. Loretta V. Saks, Assistant Director, Masters Programs			
Ms. Leslie Paddock-Coleman, MBA Placement Director			
Dr. J. G. Mattingly, Director of Undergraduate Studies			
B. Zager, Assistant Director of Undergraduate Studies			
Records Office, Business	Jarrell, J.	TYD-2136	4314
	Sullivan, K.	TYD-2136	4314
	Blaine, D.	TYD-2136	4314
	Posner, M.	TYD-2136	4314
	Pometto, J.	TYD-2136	4314
	Welsh, S.	TYD-2136	4314

PRE-BUSINESS — **Students admitted prior to Fall 1987** — Your advising location is the college of your alternate major; if you did not choose an alternate major your advising location is the Undergraduate Advising Center.
Students admitted for Fall 1987 — Your advising location is the Undergraduate Advising Center.

COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES			
Dr. J. R. Dorfman, Dean		MTH-2300	4906
Undergraduate Academic Information			
Dr. Thelma M. Williams, Assistant Dean		MTH-2300	4596
Student Records	Williams, T.	MTH-2300	4596
	Coleman, R.	MTH-2300	4596
General Information			
ASTRONOMY	Matthews, T.	CSS-0223	5937
COMPUTER SCIENCE (special problems)	Austing, R.	CSS-2309B	2002
GEOLOGY	Chang, L.	GEO-1115	3548
	Ridky, R.	GEO-1115	3548
MATHEMATICS	Berg, K.	MTH-1117	2746
PHYSICS	Crabill, J.	PHY-1120	3501
PHYSICAL SCIENCES	Williams, T.	MTH-2300	4596

PRE-COMPUTER SCIENCE — **Students admitted prior to Fall 1987** — Your advising location is the college of your alternate major; if you did not choose an alternate major your advising location is the College of Computer, Math, & Physical Sciences, Rm. 2300, Math Bldg.
Students admitted for Fall 1987 — Your advising location is Rm. 2300, Math Bldg.

COLLEGE OF EDUCATION

General Information

Dr. Dale Scannell, Dean			
Graduate Student Services		EDU-3119	2013
	Campbell, E.G.	EDU-1205	3745
Undergraduate Student Services	Lewis, A.	EDU-1210	2017
EDUCATION POLICY, PLANNING AND ADMINISTRATION	Warren, D.	EDU-3112B	5424
Administration and Supervision	Dudley, J.	EDU-3112A	5766
Curriculum and Theory Development	Selden, S.	EDU-0109C	5766
Educational Communications	Splaine, J.	EDU-2215	5766
Educational Policy	Huden, D.	EDU-2110D	5776
Higher and Adult Education	Carbone, R.	EDU-3112C	5766
Social Foundations	Lindsay, R.	EDU-0101C	5766
COUNSELING & PERSONNEL SERVICES	Hershenson, D.	EDU-3214A2	2026
School Psychology	Pumroy, D.	EDU-3214B	2026
	Teglasi, H.	EDU-3234A	2026
	Strein, W.	EDU-3234B	2026
School Counseling	Greenberg, K.	EDU-3222	2026
	Rhoads, D.	EDU-3234C	2026
Community Counseling	Schlossberg, N.	EDU-3228	2026
	Spokane, A.	EDU-3214A	2026
	Schlossberg, N.	EDU-3228	2026
College Student Personnel		EDU-3218	2026
Counseling Psychology	Birk, J.	EDU-3216	2026
	Hoffman, M.	EDU-3234E	2026
Rehabilitation Counseling	Power, P.	EDU-3208	2026
	Lawrence, R.	EDU-3234F	2026
Counseling & Consultation	Hershenson, D.	EDU-3214C	2026
CURRICULUM AND INSTRUCTION			
Early Childhood	Arends, R	EDU-2311B	7346
	Amershek, K	EDU-2207B	7429
	Church, M.	EDU-1229	2341
	Fein, G.	EDU-0311F	3409
Elementary Education	Saracho, O.	EDU-1117	2120
	Eley, G.	EDU-2219	5712
	Herman, W.	EDU-2227	5448
	Jantz, R.	EDU-2229	5480
	Johnson, M.	EDU-2209	4941
	Roderick, J.	EDU-2231	5343
	Sublett, H.	EDU-2211	5934
	Weaver, P.	EDU-2233	4762
	Williams, D.	EDU-2219	5712
Secondary Education			
Art	Craig, R.	EDU-2304C	6288
	McWhinnie, H.	EDU-2304C	6288
English/Speech	McCaleb, J.	EDU-2304J	6290
	Slater, W.	EDU-2311J	6290
Foreign Language	DeLorenzo, W.	EDU-2304G	6416
	Markham, P.	EDU-2223	5590
Library Science	Williams, H.	HBK-4121J	6068
Math	Campbell, P.	EDU-2304F	7346
	Davidson, N.	EDU-2207A	2762
	Henkelman, J.	EDU-2223	5590
Music	Folstrom, R.	TWS-3141	2501
Physical Education	Young, J.	PRH-2338	3072
Reading	Brigham, B.	EDU-1117	2120
	Davey, B.	EDU-2304K	6417
	Dreher, J.	EDU-1117	2120
	Gambrell, L.	EDU-1117	2120
	Garner, R.	EDU-1117	2120
	Wilson, R.	EDU-1117	2120
Science	Holliday	EDU-0231	2024
	Layman, J.	EDU-0211	2024
	Lockard, D.	EDU-0211	2024
Social Studies	Cirrincione, J.	EDU-2227	5448
	Farrell, R.	EDU-2227	5448
INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION	Maley, D.	JMP-3216	5692
Industrial Arts	Beatty, C.	JMP-3216J	4264
	Leutkemeyer, J.	JMP-3216G	4264
Industrial Technology	Elkins, R.	JMP-2210	4264
	Hunter, A.	JMP-3216	4264
	Mietus, W.	JMP-3216P	4264
	Sullivan, D.	JMP-3216	4264
Vocational Education	Maley, D.	JMP-3216	5692
	Stough, K.	JMP-3216B	4264
Business Education	Peters, R.	JMP-2210C	4264
	Spear, M.	JMP-3216	4264
Distributive Education	Anderson, C. R.	EDU-3119	4566
Home Economics Education	Hultgren, F.	JMP-2210	4264
	Inana, M.	JMP-2210B	4264
HUMAN DEVELOPMENT, INSTITUTE FOR CHILD STUDY	Bennett, S.	EDU-3304	2034
	Tyler, B.	EDU-3304	2034
MEASUREMENT, STATISTICS AND EVALUATION	Lissitz, R.	EDU-4101	3413
SPECIAL EDUCATION	Angeletti, K.	EDU-1235	2118
	Beckman, P.	EDU-1311E	2118
	Burke, P.	EDU-1308	4704
	Cooper, D.	EDU-1308	2118
	Egel, A.	EDU-1311G	2118
	Graham, S.	EDU-1311F	2118
	Harris, K.	EDU-1308	2118
	Hebeler, J.	EDU-1308	2118
	Kohl, F.	EDU-1311C	2118
	Leone, P.	EDU-1311B	2118
	Malouf, D.	EDU-1220	2118
	Noel, M.	EDU-2304	2118
	Ogle, P.	EDU-1235	2118
	Seidman, E.	EDU-1311A	2118
	Simms, B.	EDU-1311D	2118
	Speece, D.	EDU-1308	2118

PRE-EDUCATION — Go to Room 1210 Education Building for advising assignment and information.

COLLEGE OF ENGINEERING

General Information

Dr. George Dieter, Dean		EGR-1137	6347
Dr. Marilyn Berman, Assistant Dean		EGR-1131	2421
Counselors	Berman, J.	EGR-1131	2421
	Scholl, R.	EGR-1131	2421
Center for Minorities in Science and Engineering			
James Newton, Director		EGR-1134	7219
Rosemary Parker, Assistant Director		EGR-1134	7219
AEROSPACE	Barlow, J.	WTU-2102	2413
AGRICULTURAL	Stewart, L.	SHR-1130C	3901
	Muller, R.	SHR-1131B	3901
CHEMICAL	Regan, T.	CHE-2139	7898
CIVIL	Garber, D.	EGR-1163	2225
ELECTRICAL	Pugsley, J.	EGR-3186	4172
FIRE PROTECTION	Bryan, J.	EGR-0147	2424
MECHANICAL	Walston, W.	EGR-2188	2409
NUCLEAR	Munno, F.	CHE-2309A	2430
Engineering Co-op Program	Winick, H.	EGR-1137B	5191

PRE-ENGINEERING — **Students admitted prior to Fall 1987** — Your advising location is the College of your alternate major; if you did not choose an alternate major your advising location is the College of Computer, Math & Physical Sciences, Rm. 2300, Math Bldg.
Students admitted for Fall 1987 — Your advising location is the College of Computer, Math & Physical Sciences, Rm. 2300, Math Bldg.

COLLEGE OF HUMAN ECOLOGY

General Information

Dr. John Beaton, Dean		MMH-1100F	2136
Dr. Effie Hacklander, Associate Dean		MMH-1100D	5387
Undergraduate Student Records	Booth, B.	MMH-1100B	5181
FAMILY & COMMUNITY DEVELOPMENT			
Family Studies	Anderson, E.	MMH-1204	6022
	Epstein, N.	MMH-1204C	6422
	Gaylin, N.	MMH-1204D	5905
	Leslie, L.	MMH-1204J	6361
	Rubin, R.	MMH-1204L	6424
	Myricks, N.	MMH-1204E	5925
	Werlinich, C.	MMH-1218B	6188
	Wilson, L.	MMH-1204B	6461
Community Studies	Hula, R.	MMH-1204G	5965
Management & Consumer Studies	Churaman, C.	MMH-1204F	6425
	Hanna, W.	MMH-1204A	2142
FOOD, NUTRITION & INSTITUTION ADMINISTRATION			
Dietetics	Curtis, S.	MMH-3307	5289
	Prather, M.	MMH-3306	5271
	Williams, E.	MMH-3309	5372
Community Nutrition	Taylor, M.	MMH-3303	5163
	Williams, E.	MMH-3309	5372
Foods	Choi, Y.	MMH-3302	4401
	Curtis, S.	MMH-3307	5289
Institution Administration	Norton, V.	MMH-3215	2455
	Noble, J.	MMH-3307	5289
Nutrition Research	Ahrens, R.	MMH-3301	4564
TEXTILES AND CONSUMER ECONOMICS	Smith, B.	MMH-2100A	5150
Apparel Design	Anderson, C.	MMH-2108	6481
Text. Mkt./Fashion Merch.	Dardis, R.	MMH-2106	6493
	Paoletti, J.	MMH-0301B	6494
	Wagner, J.	MMH-2100D	6486
Consumer Economics	Brannigan, V.	MMH-1411	6489
	Dardis, R.	MMH-2106A	6493
	Ettensen, R.	MMH-2100F	6485
Textiles	Block, I.	MMH-2100H	6490
	Hollies, N.	MMH-0303A	6491
	Pourdeymmi	MMH-2108	8605
	Smith, B.	MMH-2100A	5150
	Spivak, S.	MMH-2100E	6487
	Yeh, K.	MMH-2100B	6484

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean			
Asst. Dean and Director, Undergraduate Studies	Theus, K.	JRN-2109	2228
Undergraduate Advisors	Cummins, J.	JRN-2109	2228
	Petersen, D.	JRN-2109	2228
	Abels, D.	JRN-2109	2228

PRE-JOURNALISM — **Students admitted prior to Fall 1987** — Your advising location is the college of your alternate major; if you did not choose an alternate major your advising location is the Undergraduate Advising Center.
Students admitted for Fall 1987 — Your advising location is the College of Arts & Humanities, Rm. 1111, Francis Scott Key Hall.

COLLEGE OF LIBRARY & INFORMATION SERVICES

Dr. Claude Walston, Dean		HBK-4105	5441
Student Records and General Information	Diepenbrock, J.	HBK-4110	3016
Undergraduate Advisor	Williams, H.	HBK-4111G	6068

COLLEGE OF LIFE SCIENCES

General Information

Dr. Raymond Miller, Dean		SYM-1114	5257
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	5257
Dr. Amel Anderson, Assistant Dean		SYM-1224	5981
BOTANY	Barnett, N. (Coord.)	HJP-3214	3821
	Berg, L.	HJP-1225	3812
CHEMISTRY	Durso, M. (Coord.)	CHM-1320	5231
ENTOMOLOGY	Armstrong, E.	SYM-2309	7122
MICROBIOLOGY			
(A-D)	Cook, T. (Coord.)	SKN-0113	5381
(E-G)	Smith, A.	SKN-2131B	2848
(H-J)	Hetrick, F.	SKN-0115	5411
(K-L)	Yuan, R.	SKN-3131A	6698
(M-N)	Voll, M.	SKN-2130	5218
(O-Q)	Joseph, S.	SKN-2131	2848
(R-T)	Powell, D.	SKN-3101	2591
(U-Z)	Weiner, R.	SKN-3100	5364
ZOOLOGY	Linder, H. (Coord.)	ZOP-3202	5131
	Barnett, A. J.	ZOP-2231	5131
	Imberski, R. B.	ZOP-3280	6590
	Inouye, D. W.	ZOP-4206	4085
	Olek, A.	ZOP-3218	7101
GENERAL BIOLOGICAL SCIENCES	Berg, L. (Coord.)	HJP-1225	3812
Animal Science emphasis	Ottinger, M. A.	ANS-3132	5061
Botany emphasis	Motta, J.	HJP-2112	3816
Chemistry emphasis	Klavon, A.	SYM-1110	5257
Ecology emphasis	Berg, L.	HJP-1225	3818
Entomology emphasis	Armstrong, E.	SYM-2309	7122
Genetics emphasis	Bottino, P.	HJP-3223	3812
Marine Biology emphasis	Berg, L.	HJP-1225	3812
Microbiology emphasis	Cook, T.	SKN-2131	5381
Physiology emphasis	Berg, L.	HJP-1225	3812
Zoology emphasis	Linder, H.	ZOP-3202	6249
Undeclared/Generalist	Berg, L.	HJP-1225	3812
	Barnett, N.	HJP-3214	3821
	Koines, P.	HJP-1227	3812

COLLEGE OF PHYSICAL EDUCATION, RECREATION AND HEALTH

General Information

Dr. John Burt, Dean		PRH-3310D	5616
Dr. Jerry Wrenn, Asst. Dean, Student Affairs		PRH-3310B	5616
Mr. Frank Fellows, Asst. Dean, College Facilities		PRH-3310C	2755
Lu Hoxie, Student Records		PRH-3310H	3192
Program Advisors			
PHYSICAL EDUCATION			
Kinesiological Sciences	Tyler, R.	PRH-2310	6252
Teacher Education	Young, J.	PRH-2318	3259
RECREATION			
Therapeutic Recreation, Outdoor Recreation, Administrative or Program Recreation	Ward, V.	PRH-2358	3069
HEALTH EDUCATION			
Community Health, School Health	Hyde, D.	PRH-2374	3369

UNDERGRADUATE STUDIES

Dr. Gerald R. Miller, Acting Dean		HBK-1115	2530
Dr. Leo La Sota, Acting Assistant Dean		HBK-1115	2530-1
BACHELOR OF GENERAL STUDIES DEGREE PROGRAM			
	Baron, K.	HBK-1115	2530
	Brenner, L.	HBK-1115	2530
	Sullivan, K.	HBK-1115	2530
HEALTH PROFESSIONS ADVISING			
Pre-Dentistry	Love, N.	TUR-3103	5425
Pre-Dental Hygiene	Stewart, D.	TUR-3103	2540
Pre-Medical Technology	Stewart, D.	TUR-3103	2540
Pre-Medicine	Love, N.	TUR-3103	5425
Pre-Nursing	Stewart, D.	TUR-3103	2540
Pre-Optometry	Love, N.	TUR-3103	5425
Pre-Osteopathy	Love, N.	TUR-3103	5425
Pre-Pharmacy	Stewart, D.	TUR-3103	2540
Pre-Physical Therapy	Stewart, D.	TUR-3103	5425
Pre-Podiatry	Love, N.	TUR-3103	5425
INDIVIDUAL STUDIES PROGRAM			
Dr. Leo La Sota, Acting Dean		HBK-1115	2530-1
UNDERGRADUATE ADVISING CENTER (UAC)			
Dr. W. J. Higgins, Acting Assistant Dean		HBK-1117	2733
Dr. Betty Beckley, Coordinator for Undergraduate Advising		HBK-1117	2733
UAC ADVISORS			
Freshmen	Whittemore, W.	HBK-1117	2733
Pre-Business	Murry, B.	HBK-1117	2733
	Reid, O.	HBK-1117	2733
Transfers	Miller, L.	HBK-1117	2733
	Firestone, K.	HBK-1117	2733
Undeclared	Steen, T.	HBK-1117	2733
	Taub, D.	HBK-1117	2733
Pre-Law	Buhlig, P.	HBK-1117	2733

Additional advisors are available. Contact the principal advisors listed above.

OFFICE OF MINORITY STUDENT EDUCATION

Minority Advisement Program

James N. Newton, Director		HBK-1101	4901
Dr. Ronald Zeigler, Research Coordinator		HBK-1101	4901
Joel Smith, Academic Coordinator		HBK-1101	4901
Judith Young, Secretary		HBK-1101	4901

General University Requirements

Consult the Undergraduate Catalog for GUR information.

Requirements for Satisfactory Academic Progress — Undergraduate Students

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "W", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numerical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4 B = 3 C = 2 D = 1 F = 0	×	NUMBER OF CREDITS IN THE COURSE	=	TOTAL QUALITY POINTS FOR THE COURSE

3. When a course is REPEATED, only credits and quality points for the higher grade assigned for that course are counted in total credits attempted and total quality points.
4. An example of how a SEMESTER G.P.A. and a CUMULATIVE G.P.A. are calculated is given below:

Course	*Credits Attempted Attempted*	*Grade*	*Quality Points*
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST 156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74
	43		108

1000 SEMESTER G.P.A. = SEMESTER QUALITY POINTS / SEMESTER CREDITS ATTEMPTED = 34 / 16 = 2.125

CUMULATIVE G.P.A. = TOTAL QUALITY POINTS / TOTAL CREDITS ATTEMPTED = 108 / 43 = 2.511

SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Courses completed at University of Maryland with grades of A, B, C, D, F, P, S and Transfer Credit from other institutions.

CREDIT LEVEL	*UNSATISFACTORY PERFORMANCE*	*ACADEMIC WARNING*	*ACADEMIC DISMISSAL*
0-13	1.999-1.290	1.289-0.230	0.229-0.000
14-28	1.999-1.780	1.779-1.280	1.279-0.000
29-56	1.999-1.860	1.859-1.630	1.629-0.000
57-74	1.999-1.940	1.939-1.830	1.829-0.000
75 OR MORE	—	1.999-1.940	1.939-0.000

1. Students whose cumulative G.P.A. falls within the **UNSATISFACTORY PERFORMANCE** category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an **ACADEMIC WARNING** will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of the next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23, or higher. After this first semester, the student will be subject to normal standards for academic progress. **NOTE: This provision does not apply to students reinstated or readmitted to the College Park Campus.**

ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy —** The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. **DURING THE DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS.** If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.
6. Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

REPEATING COURSES

1. Any course may be repeated. If a course is repeated in which a student already has earned a mark of A, B, C, D, P, or S, the subsequent attempt will not increase the total credits earned to ward the degree. Only the highest mark will be used to compute the G.P.A.
2. A student may register for a course NO MORE THAN THREE TIMES. A course dropped with a "W" notation will count as one of these three registrations.
3. Incompletes — The mark of "I" cannot be removed through re-registration for the course or through "credit by examination."

ACADEMIC REGULATIONS

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS or about other academic policies and requirements at College Park should immediately contact an ACADEMIC ADVISOR in their division, college or department.

Credit by Examination
(Undergraduate Students)

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Undergraduate Advising Center, Room 1117, Hornbake Library. See Ms. Crouch.

Semester Credit Limits
(Undergraduate Students)

Limited to **19 credit hours** per semester

Any exceptions must be approved by the Dean. Forms for this purpose will be available in the Dean's Office and should be turned in with Registration materials.

Full-Time Status

Effective August 1973, official status (either full-time or part-time) *for academic purposes* will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

UNDERGRADUATE — Full-time — Registered for 9 or more semester hours at the end of the Schedule Adjustment Period. Note, however, that students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University.

Foreign Language Placement

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

College of Arts and Humanities Requirements: If students have had four levels of one foreign language or two levels in each of two foreign languages as recorded on their high school transcript, they are not required to take any foreign language in the college, although they may elect to do so.

Classics Department: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The departmental advisor, Professor Gregory Staley (Foreign Languages Building, Room 4210) will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102; with two full years, LATN 203. College credit is given to students who have earned a 3, 4, or 5 on the Advanced Placement Test in Latin.

French Department: All students must present a copy of their high-school transcript (or college transcript for transfer students) to the instructor on the first day of instruction in order to enroll in FREN 101, 101H, 103, 104 or 121. FREN 101 (or the accelerated version, FREN 121, or the Honors version, 101H), is open to students who have never studied French. FREN 102 is designed for students who have completed FREN 101 on this campus. FREN 103 is designed for students whose transcript shows completion of 2 years (Level 2) of elementary French; it is a review of work normally completed by the end of Level 2 in high-school. FREN 104 (or the accelerated version, FREN 122, or the Honors version, 104H) is designed for students whose transcript shows completion of 3 years (Level 3) of French. Exceptions may be granted only by permission of course chairperson. A student whose knowledge of French is deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

College of Journalism Requirements. Completion, either by course work or placement, of the equivalent of 12 semester hours of foreign language study.

Spanish Department: Students with 2 or more years of high school Spanish must not register for SPAN 101 or 102. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 102H or 103.

A student whose knowledge of Spanish is deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 203 at another institution, are deemed to have satisfied the language requirement.

Students will not receive credit for SPAN 103 if they already have credit for both Spanish 101 and 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 205 (Intermediate Conversation), if taken subsequently. Please consult the Departmental Advisor for additional information about Advanced Placement Tests and other credit and placement questions.

German and Spanish Placement Exam Schedule:
During the semester there will be placement testing in Room 0106, Shoemaker Building. To be admitted for testing, students must have a picture I.D. Testing will be on Wednesday, September 2 at 2:00 p.m. and Tuesday, September 8 at 3:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein (x4752) for appointment.

Undergraduate Students — Academic Information (Continued)

Major Changes

If you wish to process a major change, go to the college associated with your desired new major to obtain approval, advisement information, and a "Change of Major" form.

Students contemplating a change in major to Architecture, Business & Management, Computer Science, Design, Economics, Education, Engineering, Journalism, or Radio, Television and Film, should contact the Office of Undergraduate Admissions, 454-4009, for additional information regarding special requirements for entrance into these programs. Students not admitted directly to these programs may choose a pre-major in these programs.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Undergraduate Student Classifications

Freshman	1-27 semester hours
Sophomore	28-55 semester hours
Junior	56-85 semester hours
Senior	86 to at least 120 semester hours

Pass-Fail Option (Undergraduate Students)

The policy governing the pass-fail option is currently under review by the Campus Senate. The following policy will continue to govern the taking of courses under the pass-fail option until such time as a revised policy is adopted.

1. An **undergraduate** who has completed 15 or more credit hours at the College Park Campus and has a cumulative average of at least 2.00 may register for courses on the PASS-FAIL option during any semester or summer session.
2. Certain college requirements, major requirements or field of concentration requirements do not allow the use of the PASS-FAIL option. Certain courses within a department may be designated by that department as not available under the PASS-FAIL option. It is the responsibility of each student electing this option to ascertain in conjunction with his/her Dean, department or major advisor, whether the particular courses will be applicable to degree requirements under the PASS-FAIL option.
3. No more than 20 percent of the College Park campus credits offered toward the degree may be taken on the PASS-FAIL option basis.
4. Students registering for a course under the PASS-FAIL option are required to complete all regular course requirements. Their work will be evaluated by the instructor by the normal procedure for letter grades. The instructor will submit the normal grade. The grades A, B, C, or D will automatically be converted by the Office of Registrations to the grade P on the student's permanent record. In computation of cumulative averages a mark P will not be included; the grade F will be calculated and included in the G.P.A.
5. The choice of grading option may be changed only during the schedule adjustment period for courses in which the student is currently registered.

NOTE: CHANGES OF GRADING OPTION (I.E., REGULAR TO PASS-FAIL) MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES.

GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

Zero-Level Courses

CHEM 001* ENGL 001* GERM 001 JOUR 001 & 002 MATH 001* SLAV 001

Although these courses carry credit for billing and status purposes, they are regarded as having zero credit for academic calculation purposes. Therefore, these courses are excluded from the calculation of credits registered at the end of the Schedule Adjustment Period, from the calculation of quality points and from the calculation of cumulative grade point averages.

*CHEM 001, ENGL 001, and MATH 001 fees are also discussed under Fees and Expenses.

The University Studies Program

Virtually all American colleges and universities ask that students receiving a baccalaureate degree complete a common set of requirements. These common requirements are usually referred to by the generic term "general education." General education requirements represent a faculty's definition of the knowledge, awarenesses and skills that all graduates should possess before that faculty will give its consent to the awarding of a degree. General education is that portion of the degree requirements in which the entire faculty has a concern.

The University Studies Program is the general education requirement at the University of Maryland, College Park. This program must be completed by all students beginning baccalaureate study after May, 1980. It is intended to provide students with the intellectual skills and conceptual background basic to an understanding of the universe, society and themselves. The focus is not on any particular bodies of knowledge, for almost any subject matter can lead to an awareness of general modes of understanding the world. Thus, for example, it does not matter whether the student studies physics or botany as long as he or she comes away from the course with some understanding of the power of the empirical investigation that characterizes science.

The University Studies Program has three parts. The "Fundamental Studies" section of the program is intended to establish the student's ability to participate in the discourse of the university through demonstrated mastery of written English and mathematics. Those requirements are to be completed early in the student's program in order to serve as a foundation for subsequent work.

The "Distributive Studies" requirement is intended, through study in particular disciplines, to acquaint students with the different ways of analyzing and talking about the world that characterize the three areas into which the university's knowledge is traditionally divided: the physical and biological sciences, the social and behavioral sciences, and the arts and humanities. The fourth category, "History and Culture," includes courses that lead to the consideration of historical and cultural differences and the relationship of our own society to those of other times and places.

In fulfilling "Distributive Studies" requirements, students will have gained some experience of the way in which scholars in different kinds of disciplines make and organize observations about the world and arrive at general statements. It is the purpose of "Advanced Studies" courses to show how these different intellectual approaches compare with each other or may be used in complementary ways to analyze and solve problems. "Development of Knowledge" courses deal with the basis upon which people who use these different approaches claim to know something and the different kinds of insights to which these intellectual strategies lead. "Analysis of Human Problems" courses consider these matters in terms of specific cultural, social, scientific or aesthetic problems which may be approached from several points of view.

The University Studies requirements, designed to be spread throughout the student's four years, represent a third of the total academic work required for graduation. It is the purpose of this program, in combination with the extensive work of the major, to help prepare students to become productive, aware and sensitive members of society, capable of understanding their world and the many kinds of people in it and of taking responsibility for their own decisions and their own lives.

Outline of the Program

These requirements are effective for students entering in May, 1980 and thereafter, with 8 or less credits from this or any other institution. Students with 9 or more credits from this or any institution prior to May, 1980 may elect this program or the old General University Requirements. (See the Undergraduate Catalog for General University Requirements.)

I. FUNDAMENTAL STUDIES — 9 credits (Except for ENGL 391 or 393, must be completed by the time student has completed 30 credit hours).
   A. English Composition — 6 credits
      1. ENGL 101 — 3 credits
         a. Students with TWST score below 330 take ENGL 101A.
         b. Students with AP score of 4 or 5, or SAT verbal of 600 or above are exempt.
         c. Students who achieve a score of 51 or above on the CLEP Subject Examination College Composition (with essay questions) are exempt.
      2. ENGL 391 (Junior Level Expository Writing) or 393 (Technical Writing) — 3 credits
         a. Must be taken *after* student has completed 56 credit hours (i.e., has reached junior standing).
         b. Students with A in ENGL 101 (but not 101A or 101X) are exempt.
   B. Mathematics — 3 credits
      MATH 110 (or the modular equivalent MATH 102-3-4) or MATH 115.
      1. Students with the following minimum examination scores or higher are exempt:
         a. SAT of 600 or above
         b. College Board Achievement Tests in Mathematics, Level I or II: 600
         c. Advanced Placement Examinations, Calculus AB or BC: 3
         d. Any CLEP *Subject* Examination in Mathematics: 60
      2. Successful completion of any of the following higher level entry courses than MATH 110: MATH 111, 140, 141, 150, 151, 220, 221, 240, 241, 246, 250, 251; STAT 100, 250.

II. DISTRIBUTIVE STUDIES — min.: 24 credits
   A. Culture and History (min.: 6 credits, 2 courses)
   B. Natural Sciences and Mathematics (min.: 6 credits, 2 courses)
      One course must be a laboratory science.
   C. Literature and the Arts (min.: 6 credits, 2 courses)
      Courses must be taken in two different departments, except HONR courses.
   D. Social and Behavioral Sciences (min.: 6 credits, 2 courses)

III. ADVANCED STUDIES — 6 credits
   This requirement may be fulfilled only *after* the student has completed 56 credit hours. It is intended that, in fulfilling this requirement, students choose courses that offer a contrast to the major rather than supplementing it. Courses to fulfill these requirements must be from two different departments outside the department of the student's major.
   A. The Development of Knowledge (1 course, 3 credits)
      Courses which focus on the creation, discovery, exploration, testing and evaluation of knowledge in one or more disciplines.
   B. The Analysis of Human Problems (1 course, 3 credits)
      Courses which focus on the application of knowledge from one or more disciplines to the study of important human problems.

A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy University Studies Program (USP) requirements if it appears on the following list of approved courses for USP.

Courses chosen to meet DISTRIBUTIVE STUDIES requirements and ADVANCED STUDIES requirements may be taken on a PASS-FAIL basis. Since certain USP courses which are also used to satisfy college, major, and/or supporting area requirements may NOT be taken PASS-FAIL, students are urged to see an advisor before selecting this grading option. Courses used to satisfy USP FUNDAMENTAL STUDIES requirements may NOT be taken using the PASS-FAIL grading option.

Course numbers are subject to change. Please check with departments for verification of previous numbers.

Distributive Studies (A) Cultural and Historical — Approved Courses

AASP	100	Introduction to Afro-American Studies
AASP	200	African Civilizations
AASP	202	Black Culture in the United States
AMST	201	Introduction to American Studies I
AMST	205	Material Aspects of American Life
AMST	207	Contemporary American Cultures
ANTH	298A	Chesapeake: An Archaeology of Maryland
ANTH	298B	The First Americans
CHIN	101	Intensive Elementary Chinese I
CHIN	102	Elementary Spoken Chinese
CHIN	103	Elementary Written Chinese
CHIN	201	Intermediate Spoken Chinese I
CHIN	202	Intermediate Written Chinese I
CHIN	203	Intermediate Spoken Chinese II
CHIN	204	Intermediate Written Chinese II
CLAS	170	Greek & Roman Mythology
EDPA	210	Historical and Philosophical Perspectives on Education
ENGL	260	Introduction to Folklore
FMCD	330	Family Patterns
FREN	101	Elementary French I
FREN	102	Elementary French II
FREN	103	Review of Elementary French
FREN	104/104H	Intermediate French
FREN	121/121H	Accelerated French I
FREN	122/122H	Accelerated French II
FREN	311	French Conversation: Contemporary Issues
FREN	312	French Conversation: Current Cultural Events
FREN	370	Aspects of French Civilization
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective (changed from Area D, Fall 1983)
GEOG	321	Maryland and Adjacent Areas
GEOG	324	Europe
GEOG	325	The Soviet Union
GEOG	326	Africa
GEOG	327	South Asia
GEOG	331	Southeast Asia
GERM	101	Elementary German I
GERM	102	Elementary German II
GERM	103	Review of Elementary German
GERM	104/104H	Intermediate German
GERM	141	Elementary Yiddish I
GERM	142	Elementary Yiddish II
GERM	144	Intermediate Yiddish I
GERM	145	Intermediate Yiddish II
GERM	280	German-American Cultural Contrast
GERM	281	Women in German Literature and Society
GERM	282	Germanic Mythology
GERM	381	German Civilization I
GERM	382	German Civilization II
GERM	383	The Viking Era
GERM	384	The Age of Chivalry
GERM	389C	Selected Topics in Germanic Area Studies: The Ancient Celts
GERM	389I	Selected Topics in Germanic Area Studies: Ancient India
GERM	489	Selected Topics in Slavic Area Studies: Medieval Russia
GREK	101	Elementary Greek
GREK	102	Elementary Greek
GREK	203	Intermediate Greek
GVPT	240	Political Ideologies
HEBR	111	Elementary Hebrew I
HEBR	112	Elementary Hebrew II
HEBR	211	Intermediate Hebrew I
HEBR	212	Intermediate Hebrew II
HEBR	333	Hebrew Civilization
HEBR	334	Hebrew Civilization
HIST	101	Great Ideas, Events and Personalities in History
HIST	115	Modern Business History
HIST	130	The Ancient World
HIST	131/131H	The Medieval World
HIST	132	The Rise of the West, 1500-1789
HIST	133	Modern Europe, 1789-Present
HIST	144	The Humanities I
HIST	145	The Humanities II
HIST	156	History of the United States to 1865
HIST	200	Introduction to the History of Science
HIST	201	Space and Technology in World History: Space/Time/Man/Woman
HIST	210	Women in America: The Colonial Period to 1880
HIST	211	Women in America Since 1880
HIST	234	History of Britain to 1485
HIST	235	History of Britain 1461-1714
HIST	236	History of Britain 1688 to present
HIST	237	Russian Civilization
HIST	250	Latin American History I (to 1810)
HIST	251	Latin American History II (1810 to present)
HIST	280	Islamic Civilization
HIST	282	History of the Jewish People I
HIST	283	History of the Jewish People II
HIST	284	East Asian Civilization I
HIST	285	East Asian Civilization II
HIST	290	African Civilization
HONR	118	Freshman Honors Colloq., Cultural and Historical
HONR	318	Honors Seminar, Cultural and Historical
ITAL	101	Elementary Italian I
ITAL	102	Elementary Italian II
ITAL	203	Intermediate Italian
ITAL	121/121H	Accelerated Italian I
ITAL	122/122H	Accelerated Italian II
ITAL	204	Review Grammar and Composition
ITAL	211	Intermediate Conversation
ITAL	301	Advanced Conversation and Composition
ITAL	370	Italian Civilization
JAPN	101	Elementary Japanese I
JAPN	102	Elementary Japanese II
JAPN	201	Intermediate Spoken Japanese I
JAPN	202	Intermediate Written Japanese I
JAPN	203	Intermediate Spoken Japanese II
JAPN	204	Intermediate Written Japanese II
JAPN	217	Buddhism and Japanese Literature in Translation
LATN	101	Elementary Latin I
LATN	102	Elementary Latin II
LATN	120	Intensive Latin
LATN	203	Intermediate Latin I
LATN	204	Intermediate Latin II
LATN	220	Intermediate Intensive Latin
PHED	293	History of Sport in America
PHIL	100	Introduction to Philosophy

PHIL	110	Plato's *Republic*
PHIL	243	Philosophy of Rural Life
PHIL	250	Philosophy of Science I
PORT	101	Elementary Portuguese I
PORT	102	Elementary Portuguese II
PORT	203	Intermediate Portuguese
SLAV	101	Elementary Russian I
SLAV	102	Elementary Russian II
SLAV	104	Intermediate Russian I
SLAV	105	Intermediate Russian II
SLAV	281	Russian Culture
SPAN	101	Elementary Spanish I
SPAN	102	Elementary Spanish II
SPAN	103	Review of Elementary Spanish
SPAN	203/203H	Intermediate Spanish
SPAN	204	Review of Oral and Written Spanish
SPAN	205	Intermediate Conversation
SPAN	311	Advanced Conversation I
SPAN	312	Advanced Conversation II
SPAN	325	Spanish Civilization I
SPAN	326	Spanish Civilization II
SPAN	346	Latin American Civilization I
SPAN	347	Latin American Civilization II
TEXT	345	History of Costume I
TEXT	347	History of Costume II
TEXT	363	History of Textiles
THET	310	The American Theatre

Distributive Studies (B) Natural Sciences and Mathematics — Approved Courses

Lab Sciences

AGRO	100 & 102	Crops Laboratory & Crop Production
AGRO	302	General Soils
ASTR	100 & 110 or 111	Introductory Astronomy & Astronomy Laboratory
BIOL	101 & 102	Organization and Interrelationships in the Biological World & Laboratory in Biology
BOTN	100	General Botany for Non-science Students
BOTN	101	General Botany
CHEM	102	Chemistry of Man's Environment
CHEM	103	General Chemistry I
CHEM	104	Fundamentals of Organic and Biochemistry
CHEM	105	Principles of General Chemistry I
CHEM	111	Chemistry in Modern Life
CHEM	113	General Chemistry II
CHEM	115	Principles of General Chemistry II
ENTM	205	Principles of Entomology
GEOG	170 & 171	Maps and Map Use & Maps and Map Use Laboratory
GEOG	201 & 211	The Geography of Environmental Systems & The Geography of Environmental Systems Laboratory
GEOL	100 & 110	Introductory Physical Geology & Physical Geology Laboratory
MICB	100	Basic Microbiology
MICB	200	General Microbiology
PHED	360	Physiology of Exercise
PHYS	102 & 103	Physics of Music & Physics of Music Laboratory
PHYS	106 & 107	Light, Perception, Photography & Visual Phenomena & Light, Perception, Photography & Visual Phenomena Laboratory
PHYS	114	Energy and the Environment
PHYS	117	Introduction to Physics
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	141	Principles of Physics I
PHYS	142	Principles of Physics II
PHYS	191 & 195	Introductory Physics I: Mechanics & Introductory Physics Laboratory I
PHYS	192 & 196	Introductory Physics: Thermodynamics, Waves and Special Relativity & Introductory Physics Laboratory II
PHYS	221	General Physics for Science Teachers I
PHYS	222	General Physics for Science Teachers II
PHYS	262	General Physics: Vibrations, Waves, Heat, Electricity and Magnetism
PHYS	263	General Physics: Electrodynamics, Light, Relativity and Modern Physics
PHYS	293 & 295	Introductory Physics: Electricity & Magnetism & Intermediate Physics Laboratory
PHYS	294 & 296	Introductory Physics: Optics & Modern Physics & Intermediate Physics Laboratory
ZOOL	101	General Zoology
ZOOL	210	Animal Diversity
ZOOL	212	Ecology, Evolution and Behavior

Non-Lab Sciences & Mathematics

AGRO	105	Soil and the Environment
ANSC	101	Principles of Animal Science
ANTH	101	Introduction to Anthropology
ASTR	100	Introductory Astronomy
ASTR	181	Introductory Astronomy and Astrophysics I
ASTR	182	Introductory Astronomy and Astrophysics II
ASTR	350	Astronomy and Astrophysics
BIOL	101	Organization and Interrelationships in the Biological World
BOTN	200	Humanistic Botany
BOTN	211	Ecology and Mankind
CHEM	107	Chemistry and Man
ENAG	232	Water: A Renewable Resource
ENES	120	Noise Pollution
ENES	121	The Man-Made World
ENTM	100	Insects
GEOG	140	Coastal Environments
GEOG	170	Maps and Map Use
GEOG	201	The Geography of Environmental Systems
GEOL	100	Physical Geology
GEOL	101	Physical Geology for Science Students
GEOL	102	Historical Geology
GEOL	120	Environmental Geology
HESP	305	Anatomy & Physiology of the Speech Mechanism
HONR	128	Freshman Honors Colloq.: Natural Sciences and Mathematics
HONR	328	Honors Seminar: Natural Sciences and Mathematics
HORT	100	Introductio to Horticulture
MATH	105	Mathematical Ideas
MATH	111	Introduction to Math II
MATH	140	Calculus I
MATH	141	Calculus II
MATH	150	Calculus I (Honors)
MATH	151	Calculus II (Honors)
MATH	210	Elements of Mathematics
MATH	211	Elements of Geometry
MATH	220	Elementary Calculus I
MATH	221	Elementary Calculus II
MATH	240	Introduction to Linear Algebra
MATH	241	Calculus III
MATH	246	Differential Equations for Scientists and Engineers
MATH	250	Calculus III (Honors)
MATH	251	Calculus IV (Honors)
METO	100	Weather and Life
MICB	322	Microbiology and the Public
NUTR	100	Elements of Nutrition
PHIL	271	Symbol Logic I
PHYS	101	Contemporary Physics
PHYS	102	Physics of Music
PHYS	106	Light, Perception, Photography & Visual Phenomena
PHYS	111	Physics in the Modern World I
PHYS	112	Physics in the Modern World II
PHYS	161	General Physics: Mechanics and Particle Dynamics
PSYC	206	Developmental Biopsychology
PSYC	301	Biological Basis of Behavior
SOCY	201	Introductory Statistics for Sociology
STAT	100	Elementary Statistics and Probability
STAT	250	Introduction to Statistical Models
ZOOL	181	Life in the Oceans

Distributive Studies (C) Literature and the Arts — Approved Courses

NOTE: Courses must be taken in two different departments.

APDS	104	Survey of Design History
ARCH	170	An Introduction to the Built Environment
ARCH	222	History of Western Architecture
ARTH	100	Introduction to Art
ARTH	260	History of Art I
ARTH	261	History of Art II
ARTH	262	Arts of Asia
ARTH	284	Introduction to African Art
CHIN	313	Chinese Poetry and Prose in Translation I
CHIN	314	Chinese Fiction and Drama in Translation
CHIN	315	Modern Chinese Literature in Translation
CHIN	441	Traditional Chinese Fiction
CHIN	442	Modern Chinese Fiction
CLAS	370	Greek Literature in Translation
CLAS	371	Latin Literature in Translation
DANC	200	Introduction to Dance
ENGL	201	World Literature: Homer to the Renaissance
ENGL	202	World Literature: The Renaissance to the Present
ENGL	205	Introduction to Shakespeare
ENGL	211	English Literature from the Beginnings to 1800
ENGL	212	English Literature from 1800 to Present
ENGL	221	American Literature: Beginning to 1865
ENGL	222	American Literature: 1865 to Present
ENGL	234	Introduction to Afro-American Literature
ENGL	240	Introduction to Literary Form: Fiction, Poetry, Drama
ENGL	241	Introduction to the Novel
ENGL	242	Fact and Fiction: Forms of Non-Fiction Prose
ENGL	243	Introduction to Poetry
ENGL	244	Introduction to Drama
ENGL	245	Introduction to the Film as Literature
ENGL	246	The Short Story
ENGL	247	The Literature of Fantasy
ENGL	250	Women in Literature
ENGL	271	Honors World Literature: Homer to the Renaissance
ENGL	272	Honors World Literature: Renaissance to the 20th Century
ENGL	301	Critical Methods in the Study of Literature
ENGL	302	English Medieval Literature in Translation
ENGL	304	Major Works of Shakespeare
ENGL	305	Shakespeare and His Contemporaries: An Introduction
ENGL	313	American Literature
ENGL	345	Twentieth Century Poetry of Britain and America
ENGL	462	Folk Song and Ballad
FREN	250	Readings in French
FREN	340	Modern French Literature in Translation
FREN	350/350H	Advanced Readings in French
FREN	351/351H	French Literature from the Revolution to the Present
FREN	352/352H	French Literature from the Middle Ages to the Revolution
GERM	220	Introduction to German Literature
GERM	285	German Film and Literature
GREK	204	Intermediate Greek (Homer)
HEBR	223	The Hebrew Bible: Narrative
HEBR	224	The Hebrew Bible: Poetry and Rhetoric
HEBR	231	Jewish Literature in Translation
HEBR	322	Israeli Literature in Translation
HONR	138	Freshman Honors Colloquium: Literature and the Arts
HONR	338	Honors Seminar: Literature and the Arts
HORT	160	Introduction to the Art of Landscaping
ITAL	251	Introduction to Italian Literature
ITAL	351	Italian Literature from Dante to the Renaissance
ITAL	352	Italian Literature from the Renaissance to the Present
ITAL	376	The Italian Opera Libretto
MUSC	130	Survey of Music Literature
MUSC	140	Music Fundamentals I
MUSC	141	Music Fundamentals II
MUSC	215	The Art of the Performer
RTVF	314	Introduction to the Film
SLAV	328A	Nineteenth Century Russian Literature in Translation: From Pushkin to Dostoevsky
SLAV	328B	Nineteenth Century Russian Literature in Translation: From Dostoevsky to Chekhov
SPAN	221	Readings in Spanish
SPAN	321	Survey of Spanish Literature: 12th-17th Century
SPAN	322	Survey of Spanish Literature: 18th-20th Century
SPAN	323	Survey of Spanish American Literature I
SPAN	324	Survey of Spanish American Literature II
THET	110	Introduction to the Theatre
WMST	250	Women, Art, and Culture

Distributive Studies (D) Social and Behavioral Sciences — Approved Courses

AMST	203	Popular Culture in America
AMST	204	Film and American Culture Studies
AMST	206	Business and American Culture Studies
ANTH	102	Introduction to Anthropology
ANTH	221	Man and Environment
ANTH	241	Introduction to Archaeology
ANTH	271	Language and Culture
AREC	240	Environmental and Human Ecology
ARSC	310	Management & Leadership I
ARSC	320	National Security Forces in Contemporary American Society I
BSOS	200	Introduction to Applied Behavioral Social Sciences
CJUS	100	Introduction to Law Enforcement
CNEC	100	Introduction to Consumer Economics
CRIM	220	Criminology
ECON	105	Economics of Social Problems
ECON	201	Principles of Economics I
ECON	203	Principles of Economics II
ECON	205	Fundamentals of Economics
ECON	307	Development of Economic Ideas
ECON	310	Evolution of Modern Capitalism in Western Europe and the United States
ECON	311	American Economic Development
EDHD	306	A Study of Human Behavior
EDHD	330	Human Development and Societal Institutions
EDPA	201	Education in Contemporary American Society
FMCD	201	Concepts in Community Development
FMCD	250	Decision-Making in Families and Communities
FOOD	110	Food for People
FOOD	300	Economics of Food Consumption
GEOG	100	Introduction to Geography
GEOG	110	The World Today: A Regional Geography
GEOG	130	Developing Countries
GEOG	203	Economic Geography
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
GVPT	220	Introduction to Political Behavior
GVPT	273	Introduction to Environmental Policy
GVPT	300	International Political Relations
GVPT	343	Political Themes in Contemporary Literature
HESP	120	Introduction to Linguistics
HIST	157	History of the U.S. Since 1865
HIST	275	Law and Constitutionalism in American History
HLTH	230	Introduction to Health Behavior
HLTH	285	Controlling Stress & Tension
HONR	148	Freshman Honors Colloquium: Social and Behavioral Sciences
HONR	348	Honors Seminar: Social and Behavioral Sciences
JOUR	100	Introduction to Mass Communication
LING	200	Introduction to Linguistics
LING	240	Language and Mind
PHED	287	Sport and American Society
PHED	350	Psychology of Sport
PHED	385	Motor Learning and Skilled Performance
PHIL	140	Contemporary Moral Issues
PHIL	245	Political and Social Philosophy I
PSYC	100	Introduction to Psychology
PSYC	221	Social Psychology
PSYC	310	Perception
PSYC	331	Introduction to Abnormal Psychology
PSYC	335	Personality and Adjustment
PSYC	353	Adult Psychopathology
PSYC	355	Child Psychology
RECR	130	Recreation and Leisure
RTVF	124	Mass Communication in 20th Century Society
SOCY	100	Introduction to Sociology
SOCY	105	Introduction to Contemporary Social Problems
SOCY	230	Sociological Social Psychology
SOCY	300	American Society
SOCY	327	Introduction to the Study of Deviance
SOCY	331	Work, Bureaucracy and Industry
SOCY	341	Inequality in American Society
SPCH	350	Foundation of Communication Theory
URBS	100	Introduction to Interdisciplinary Urban Studies
URBS	210	Behavioral and Social Dimensions of the Urban Community
URBS	220	Environmental and Technological Dimensions of the Urban Community
URBS	320	The City and the Developing National Culture of the United States
WMST	200	Introduction to Women's Studies

ADVANCED STUDIES: Approved Courses

The courses described below have been approved for Advanced Studies credit and are being offered in the Fall semester, 1987. Many other courses have also been approved and will be offered in subsequent semesters. A list of those courses and their titles follows the Fall course offerings.

NOTE: Advanced Studies courses must be taken in two different departments outside of the student's major (except HONR courses).

DEVELOPMENT OF KNOWLEDGE

AMST 418K — CULTURAL THEMES IN AMERICA: RACE IN AMERICA: THEORY AND POLICY. American culture has been, since its earliest days, concerned with categorizing and labelling people on the basis of distinguishable physical characteristics. The evolution of this tendency to link physical differences with mental and tempermental differences historically involved the fields of the natural sciences, geography, ethnology, linguistcs, theology, and literature. Race theory spilled over into American politics — both foreign and domestic — and shaped laws, mores, and behavior patterns, while popular race policies stimulated research and shaped the biases of racial theorists. Prerequisites: a prior course in American Studies, American History, or Sociology.

AMST 429B — PERSPECTIVES ON POPULAR CULTURE: SCIENCE FICTION IN AMERICAN CULTURE. Explores science fiction as a form of communication illustrative of the roles of socialization, institutionalization and cultural criticism in American society. The course provides a historical overview of science fiction, focuses on important literary narratives, considers the icons and conventions of science fiction art and film, and introduces the theoretical insights to be gained from the disciplines of literary criticism, sociology and anthropology. Prerequisites: one of the following: AMST 203, 418, 428, 432; a course on twentieth century American history or American literature; a course on the Sociology of Art or Sociology of Knowledge; a course in the History or Philosophy of Science; previous "Fantasy and Science Fiction" course.

ANTH 371 — INTRODUCTION TO LINGUISTICS. Discourse analysis covers not only the verbal rules and standards of language use, but the rules of social production and exchange as well. This course examines the ways in which modern linguistic theory and practice has been influenced by discourse research. Perspectives from anthropology, linguistics and literary study are explored and compared. Prerequisites: ANTH 102 or 271 or related courses, and permission of instructor.

ANTH 389C — CULTURE AND PERSONALITY. Examines the relationship between the individual and society, as well as cross-cultural differences in personality types. Emphasis will be on biography, including anthropological life history and other material. Focus will be on determining the ways in which information pertaining to the events of individual lives contribute to our understanding of the human condition. Prerequisite: ANTH 102 or 221 or related course in the social sciences or permission of instructor.

ANTH 401 — CULTURAL ANTHROPOLOGY: PRINCIPLES AND PROCESSES. A critical examination of the ways in which anthropologists view themselves and the peoples they study. This course focuses attention on the general principles which guide anthropological inquiry and on the processes involved in working in other cultures. Brief take home exams and final paper required. Prerequisite: ANTH 102 or 221 or related course in behavioral and social sciences.

ANTH 451 — ARCHAEOLOGY OF THE NEW WORLD. This course offers a survey of archaeological research in North and South America. Material will include prehistoric settlement of the Americas by Indian peoples as well as historical events related to the colonization and development of the two continents. Included will be a special section devoted to the archaeology of Maryland. Emphasis will be on the way theories of the past have influenced our thinking about our heritage and our concept of the present. Prerequisite: ANTH 101 or 241 or equivalent course in a related field and permission of instructor.

ASTR 300 — STARS AND STELLAR SYSTEMS. Studies the properties of stars both individually and in aggregate. Some questions addressed are: How does a star change with time and how can this be checked when the evolution occurs on a scale of hundreds of millions of years? What finally happens to stars — white dwarfs, supernovae, neutron stars and black holes? How do we deal with physics in extreme conditions? Prerequisite: ASTR 100 and completion of Natural Sciences and Mathematics requirement.

ASTR 330 — SOLAR SYSTEM ASTRONOMY. Studies the components of the solar system and the properties and evolution of the system as a whole. Some questions addressed are: How can one set up a comparative scheme for studying the planets? Why are the makeup and state of the planets so different? How can various pieces of information be fitted together to determine how the solar system formed and how it evolved? Prerequisite: ASTR 100 and completion of Natural Sciences and Mathematics requirement.

ASTR 340 — GALAXIES AND THE UNIVERSE. Studies the large scale structure of the Universe and its major components, the origin and evolution of the Universe. Questions addressed include: How can we determine properties of extremely distant objects? Why do we believe the Universe is evolving and how can we find out about conditions at the earliest epochs? Prerequisite: ASTR 100 and the completion of Natural Sciences and Mathematics requirement.

ASTR 380 — LIFE IN THE UNIVERSE. Studies the astronomical perspective of the probability of life existing elsewhere in the Universe. Some questions to be addressed are: What are the conditions necessary for life to arise? How can one test for the presence of life elsewhere? If there is life elsewhere, how can we communicate with them? Prerequisite: ASTR 100 and completion of Natural Sciences and Mathematics requirement.

BCHM 361 — ORIGINS OF BIOCHEMISTRY. A lecture course intended primarily for non-science majors, tracing the development of our understanding of life processes. Ideas and findings which have led to scientific breakthroughs in the areas of metabolism, nutrition, infections and inherited diseases, hormonal mechanisms, photosynthesis and genetic engineering will be presented. Prerequisite: Any Distributive Studies course in Chemistry or any course in biological science.

CLAS 470 — ADVANCED GREEK AND ROMAN MYTHOLOGY. The literary and artistic versions of selected myths (Herakles, Odysseus, the House of Atreus, Jason and Medea, Aeneas) and their survival and transformation in post-Classical literature, art and music. Readings will also include modern interpretation of myth, from cultural, allegorical, structuralist, and psychological viewpoints. Prerequisite: CLAS 170 or permission of instructor.

ECON 402 — BUSINESS CYCLES. Examination of the growth patterns of the American economy and how computer models can be used to represent the structure of the economy and to analyze how fiscal and monetary policies affect economic performance. Modeling techniques will be illustrated by allowing the student to use and modify an existing computer model in class. A computer background is not required. Prerequisite: ECON 430.

EDCI 488N — LEARNING STYLES AND LEARNING ENVIRONMENTS. An opportunity to examine your own style of learning through self-report instruments and how you function in different learning environments through direct experiences and reflection. Prerequisite: completion of Social and Behavioral Sciences requirement.

EDMS 451 — INTRODUCTION TO EDUCATIONAL STATISTICS. Introduction to Statistics is designed for the student interested in the application and interpretation of statistics to a variety of problems in the social sciences (e.g., education, nutrition, science, criminology). Students are taught specific statistical techniques (e.g., mean, variance, t-tests) as well as critical appraisal of the strengths and limitations of those techniques. Prerequisite: completion of the Social and Behavioral Sciences requirement. **NOTE: Students who have credit for PSYC 200, ECON 421, BMGT 230/231, GVPT 422, GEOG 305 or SOCY 201 *cannot* receive credit for EDMS 451. Students who wish to use EDMS 451 in lieu of one of the above must receive approval from their department academic advisor.**

ENGL 379A — SPECIAL TOPICS IN LITERATURE: STUDIES IN MYTHMAKING. Examines mythic thinking and figuration as a way of organizing and dealing with the world, and as a mode of creative perception far removed from our present mode of logical, rational analysis of data. Uses key selections from the Bible as familiar concepts and archetypal figures of northern European mythologies and compares them to the secondary, imaginative mythology of Tolkien's *The Silmarillion*. Prerequisite: two lower level English courses.

ENGL 379E — SPECIAL TOPICS IN LITERATURE: FILM ANALYSIS: THE RHETORIC OF FICTIONAL WORLDS. Examines approximately twelve films to reveal how narrative films create apparently closed worlds of illusion in which every action and behavior is composed as part of a pattern of meaning. This rhetorical approach implies a variety of strategies by which filmmaker and audience enter into a conspiracy of communication; the emphasis here is on the manner in which the terms of exchange are exposed, the language made visible, the illusion fractured. Prerequisite: Completion of two literature courses.

ENGL 385 — SEMANTICS. Examines two ways of understanding meaning from a linguistic point of view, one through the special meanings provided by context and the other through the basic relationships which nouns in a sentence have to each other and to the verb. Several special languages and their contexts are examined, providing an insight into how such language is intended to be understood and how in fact it is understood by hearers or readers. Prerequisite: Two lower division English courses.

ENGL 412 — LITERATURE OF THE SEVENTEENTH CENTURY, 1600-1660. Examines seventeenth-century English prose and poetry against a background of some of the issues concerning truth and attitudes towards language as a means of communicating truth that arose in part from the Copernican Revolution. In the context of diverse reactions to central epistemological questions, the course will also address such issues as the role of the imagination in aesthetic theory and the role of the artist in society. Prerequisite: completion of two literature courses.

ENGL 432 — AMERICAN LITERATURE, 1865-1914: REALISM & NATURALISM. This course explores two major modes of thought characteristic of late 19th and early 20th century American literature: Realism and Naturalism. The one was a manifestation of rebellion against romanticism in Post-Civil War America; the other derived from the impact of evolutionary thought on the Judeo-Christian tradition. Among the authors responding to these challenges were Dickinson, Twain, Howells, James, Crane, London, Norris, Dreiser, Robinson, and Frost. Prerequisite: Two lower division English courses, at least one in literature.

ENGL 453 — LITERARY CRITICISM. Studies the problems of linguistic meaning and knowledge, especially as they involve literature. Around the question of "what is literature?" the course explores the nature of a text, the validity of interpretation, and, in general, the relationship between reality, language, and the literary work of art. Prerequisite: completion of two literature courses.

ENGL 479R — READERS, WRITERS, AND RHETORIC. Examines the nature of the reading process: how it develops, how it has changed over time, what influences it, and how different kinds of text may be read. The course samples reading theory in psychology, education, and literature, and applies this theory both to literary texts and to a range of nonfiction prose. Reading is presented as a complex, active process of constructing meaning in a text.

ENGL 489A — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF ADVERTISING. Examines the role of language in fulfilling the two primary purposes of advertising: (1) to inform the consumer and (2) to persuade the consumer to purchase the product. To provide a context for this examination, the course treats not only language which is peculiar to advertising, but also other uses in other kinds of communication, such as the principles governing the use of technical terminology, implications, connotations, etc. Prerequisite: Two lower division courses.

ENGL 489C — THE LANGUAGE OF THE LAW. The language of the law is a special language in every sense — in style, vocabulary, use, syntax, and history. Investigation will show that oral and written legal language to close syntactic analysis and to analysis of the special ways in which it is used. The language of manipulation, in

bilingual situations, and as plain English are a part of this course. So are linguistic offenses, notions of linguistic authority, vagueness, language use by witnesses and its comprehensibility to juries. Its sense of drama and ritual are apparent in both real legal language and in literary portrayals of it. Prerequisite: Six credits in courses related to language: writing, linguistics, English language or literature, foreign language, or English department writing internship.

GEOG 370 — PRINCIPLES OF CARTOGRAPHY. Techniques and problems of compilation, symbolization, design and construction of special purpose maps. Focus will be on the methods of improving map design based on the organization of map components and the proper selection of symbols. Lecture/Laboratory.

GERM 349A — YIDDISH CULTURE: THE HOLOCAUST IN FILM AND LITERATURE. Among the most compelling of modern literature is that body of writings dedicated to recording, interpreting, and evaluating the attempted Nazi genocide of the Jews. Different in effect but also of considerable significance are the documentary and commercial films that attempt to present the Holocaust experience. The course encourages students to reflect on the profound questions raised by the depiction of unprecedented extremes of human behavior. Prerequisites: lower level English literature or literature translation course.

GVPT 441 — HISTORY OF POLITICAL THEORY: ANCIENT AND MEDIEVAL. A survey of the principal political theories, set forth in the works of writers before Machiavelli. Prerequisite: GVPT 100.

GVPT 442 — HISTORY OF POLITICAL THEORY: MEDIEVAL TO RECENT. A theory course designed to introduce students to some of the central figures in western political theory since the fifteenth century. The student will confront some major problems that have preoccupied political philosophers such as Machiavelli, Hobbes, Locke, Rousseau and Marx. Special attention will be given a discussion of "What is human nature?" and "What is the relationship of the individual to the state?" Prerequisite: GVPT 170.

GVPT 443 — CONTEMPORARY POLITICAL THEORY. The course will revolve around the theme "The Crisis of Modernity and Efforts at Reconstruction." We begin with Nietzsche and his critique of the enlightenment project as well as various other criticisms, and then we will turn to efforts at trying to rebuild a normative basis for modern politics. Prerequisite: GVPT 170.

HEBR 498R — RECONSTRUCTING ANCIENT CIVILIZATIONS: THE CASE OF MESOPOTAMIA. What do we know of ancient civilizations? How do we know it? This course examines how archeology and written documents enable modern scholars to reconstruct the civilizations of the ancient Near East. Prerequisite: One course in ancient or medieval history or one course in a foreign literature.

HIST 401 — THE SCIENTIFIC REVOLUTION. The course deals with the Scientific Revolution of the 16th and 17th centuries, generally considered one of the most important events in the history of Western civilization. It includes several major discoveries and theories that provided the foundation for modern physical science and mathematics: the replacement of geocentric by the heliocentric system in astronomy (with the consequence that we are no longer at the center of the universe), Newton's laws of motion, universal gravitation, air pressure, the composition of white light, terrestrial magnetism, revival of the atomic theory of matter, analytic geometry and the calculus. Prerequisite: None.

HIST 407 — HISTORY OF TECHNOLOGY. This course analyzes the ideas, techniques, and attitudes that underlie the modern industrial order. Technology will be viewed as the product of a certain kind of knowledge used in certain kinds of ways. The radical changes in this kind of knowledge in the four centuries prior to our own will be explored, with particular attention to the causes for these changes. The resulting changes in the application of technological knowledge, with the consequences for Western culture in general will also be incorporated into the analysis. Students will emerge with a better understanding of both the intellectual foundations of technology and the social and cultural context in which these have developed and been applied. Prerequisite: None.

HLTH 498T — WAYS OF KNOWING ABOUT HUMAN STRESS AND TENSION. A critical examination of assumptions related to stress and tension via selected methods in the life sciences, the behavioral sciences, and the arts and humanities. The major goal is to help the student attain a position of responsibility with respect to what he or she knows about stress. Prerequisite: HLTH 285 and completion of the Literature and Art component of the Distributive Studies requirement.

HONR 368 — HONORS SEMINAR: DEVELOPMENT OF KNOWLEDGE

LING 440 — GRAMMARS AND COGNITION (3). Prerequisite: LING 240. Relationship between the structure, development and functioning of grammars and the structure, development and functioning of other mental systems. Interpretations of experimental and observational work on children's language, aphasia, speech production and comprehension.

MATH 406 — INTRODUCTION TO NUMBER THEORY. Gives an introduction to one of the most ancient subjects of human thought: the properties of the natural numbers 1, 2, 3 . . . The natural numbers have always fascinated people, from the mystic to the layman to the scientist. Throughout the ages it has been one of the most popular topics for "amateur" mathematicians. However, the course does require a reasonable mathematical maturity and contains many proofs. Prerequisite: MATH 141.

MATH 430 — EUCLIDIAN AND NON-EUCLIDIAN GEOMETRIES. The subject matter of MATH 430 is visually intuitive, easily accessible (high school geometry is unnecessary), historically and culturally significant. In the history of Science and Philosophy the realization Euclidian Geometry is not uniquely consistent with our spatial intuition was a milestone. Negating the Parallel Postulate produces a geometry as logically consistent and as adequate for studying our surroundings. The course begins with simple definitions, proceeds to state the postulates of geometry and then eases the student into proving the relevant theorems in increasing order of difficulty. Prerequisite: MATH 140, 141 or equivalent.

NUTR 335 — HISTORY OF NUTRITION. The evaluation of concepts in the development of our present state of knowledge in nutrition. The role of social conditions in motivating scientific investigators to become involved in nutrition research is explored along with the discoveries that have been and are being made. The clash of cultural values in reaching solutions to nutritional problems. Prerequisites: NUTR 100 or 200.

PHED 362 — PHILOSOPHY OF SPORT. An introduction to the form and content of the philosophy of sport and the body. The course emphasizes the basis of knowledge in and about sport, the structure and theories of the discipline, the ontological and moral implications and dilemmas involving sport, the aesthetic status of sport, and the interactions between philosophy and the scientific and humanistic aspects of sport. Prerequisite: Three hours of USP Distributive Studies in Physical Education.

PHIL 310 — ANCIENT PHILOSOPHY. Major Greek philosophers through Aristotle, studied in the context of the intellectual revolutions in classical Greece that have shaped western thought ever since. The contrast between mythological and scientific explanations, the emergence of philosophy as a separate discipline, the idea of scientific knowledge, the possibility of a meta-physical science, the creation of logic, and moral theory. Prerequisite: one philosophy course.

PHIL 328B — MARXIST PHILOSOPHY. The major ideas of Marx and Engels (historical materialism, alienation, class struggle, ideology, capitalism, revolution, the state, etc.); with the Hegelian background of Marxist theory; and with 20th century additions and interpretations, including such authors as Lenin, Trotsky, Sartre, Gramsci, Habermas, and a Marxist feminist. Prerequisites: one course in PHIL or GVPT.

PHIL 331 — PHILOSOPHY OF ART. Studies the concept of art in the broad sense, covering painting, sculpture, music, poetry, and architecture. Considers especially the role of knowledge, of various sorts and in various senses, in the emergence of the "fine arts." Ends with a study of the current art scene including both fine and popular, major and minor, mainstream and fringe arts and art works. Prerequisite: two art courses or one philosophy course.

PHIL 332 — PHILOSOPHY OF BEAUTY. Reviews the literature on beauty and related values (the sublime, the exquisite, the graceful, the harmonious), culminating in a contemporary theory which ranges over beauty both natural and man-made, whether sensuous, intellectual or moral. Makes a serious effort to develop an intelligible basis for aesthetic judgements. Course work includes student projects of aesthetic discernment and evaluation. Prerequisite: two art courses or one philosophy course.

PHIL 447 — PHILOSOPHY OF LAW. Critical philosophical thinking about law in general and about law as it applies to particular types of behavior. Such questions as whether there is an area of private behavior that is beyond the proper authority of the law to limit or regulate; and whether there is a defensible rationale for assigning legal liability for damage negligently caused. Prerequisite: one philosophy course.

PHIL 452 — PHILOSOPHY OF PHYSICS. Course is concerned with the structure and interpretation of theories in physics and with the light which physical theory can shed on some traditional philosophical problems. The main objective is to encourage students to consider issues concerning physics which, though fundamental, are outside the scope of discussion of standard science courses. Subsidiary aim is to give the student a more abstract view of the structure of physical theories than he or she is likely to acquire from the science courses themselves. Prerequisite: Two courses in physics.

PHIL 455 — PHILOSOPHY OF THE SOCIAL SCIENCES. Scientific investigation of human beings in their social and psychological puzzles. Do social and psychological phenomena require different methodologies and scientific standards than those employed in the natural sciences? How adequate are the various disciplinary and methodological approaches encountered in the social sciences? What are the relative merits of "grand theories" vs. "middle range" ones? How objective are various standard social science research techniques? These and other issues will be considered in the context of specific social science research studies as well as in abstract. Prerequisite: One course in philosophy or two courses in the social sciences.

PHYS 420 — PRINCIPLES OF MODERN PHYSICS. A one semester introduction to the major revolutions in twentieth-century physics: the special theory of relativity and quantum mechanics. The experimental evidence and the changes in our understanding of the universe that they produce will be examined. Appropriate for engineers and scientists. Prerequisite: PHYS 263 or 294, or PHYS 404, 405; and MATH 241 and 246.

PHYS 421 — INTRODUCTION TO MODERN PHYSICS. This first half of a one-year course deals with the special discovery of relativity, and a discussion of quantum mechanics, its foundations, and its application to one-electron atoms. The second semester continues with applications to complex atoms, molecules, solids, nuclei, and elementary particles. Appropriate for scientists and engineers. Prerequisite: PHYS 294; MATH 241, and some knowledge of ordinary differential equations.

PHYS 499F — TWENTIETH CENTURY PHYSICS. A discussion of the foundations of the profound changes in our understanding of the world that came about as result of a number of fundamental discoveries in physics. Includes relativity and the dilation of time, the wave nature of particles, and the quantum nature of waves. Prerequisite: One year of algebra-based physics, such as PHYS 121, 133. Not recommended for majors in any of the physical sciences.

SPCH 450 — CLASSICAL AND MEDIEVAL RHETORICAL THEORY. The theories of speech-making and speech composition as propounded by the Classical Rhetoricians. Special attention is given to Plato, Aristotle, Socrates, Cicero, Quintian, and St. Augustine. Prerequisite: SPCH 200 or consent of instructor.

THET 495 — HISTORY OF THEATRICAL THEORY & CRITICISM. The course will offer a systematic introduction to the range of thinking about the nature of theatre by examining the changing views of drama and theatre from ancient times to our own. In pursuit of this purpose, we will compare claims made for theatre by each theorist, consider how each theory expresses its own intellectual milieu, and suggest the implications of the theoretical position in light of contemporary theory and practice. Prerequisites: completion either of Area A, or of Area C of Distributive Studies.

WMST 400 — THEORIES OF FEMINISM. This course seeks to acquaint students with a variety of explanations for the woman's position in the family, the workplace, and society and a variety of solutions for increasing female autonomy, self-definition, and power. Major feminist writings are considered in the context of their historical moment and in the context of the intellectual traditions to which they relate. Prerequisite: WMST 200 or 250 only.

ZOOL 301 — BIOLOGICAL ISSUES AND SCIENTIFIC EVIDENCE. Purpose is to acquaint students with the process of scientific inquiry in biology, using as mdoels two areas in which scientific data of social importance is subject to widely differing interpretations: (1) evolution vs. creation science; (2) measurement of human intelligence. Prerequisite: Introductory college level biology course.

ANALYSIS OF HUMAN PROBLEMS

AEED 323 — DEVELOPING YOUTH PROGRAMS. What kinds of nonformal (out-of-school) educational programs exist to serve youth? Are these programs adequate? This course 1) analyzes youth's personal and program needs outside schools, 2) examines how programs are developed, and 3) explores present policy options and future predictions regarding youth, nonformal education, and society. Prerequisite: EDHD 306 or PSYC 100 or SOCY 100 or SOCY 105.

AMST 330 — CRITICS OF AMERICAN CULTURE. This course traces the analysis of these central social problems from the Colonial period to the present, showing how they retain their basic structures while they acquire new dimensions, new manifestations. The readings are organized to show an informal dialectic, i.e. the problems are presented as oppositions of self-definition, of social policy, and of cultural disposition with attempts of syntheses, or compromises, reconciliations as well. Texts might include, in addition to the works mentioned above, Thoreau's *Walden*, the *Education of Henry Adams*, Ayn Rand's *The Virtue of Selfishness*, and John Dewey's *The Public and Its Problems*, as well as secondary source writings of such American Studies scholars as Henry Nash Smith, Leo Marx, R.W.B. Lewis, Russel Nye and Carl Bode. Course will be organized as a colloquium. Prerequisite: AMST 201 or three hours of American History or PHIL 245.

AREC 365 — WORLD HUNGER, POPULATION, AND FOOD SUPPLIES. An introduction to the problem of world hunger and possible solutions to it. World demand, supply, and distribution of food. Alternatives for leveling off world food demand, increasing the supply of food, and improving its distribution. Environmental limitations to increasing world food production.

AREC 433 — ANALYSIS OF FOOD AND AGRICULTURAL POLICY ISSUES. Discussion of the major food and agricultural issues, the rationale for governmental intervention and the main ways governments intervene. Use of elementary economic theory and statistics to analyze food and agricultural issues and alternative policy solutions. Students will be shown how to collect, present and analyze data and to propose and evaluate policy solutions. A term paper is required. The best ones will be submitted to the departmental publications committee for review for possible publication. Prerequisite: AREC 250 or ECON 205 or 201, Introductory Statistics.

AREC 453 — NATURAL RESOURCE ECONOMICS AND PUBLIC POLICY. Economics of natural resources scarcity. Theory, empirical methods and policy in the allocation of natural resources with special emphasis on renewable resources such as soil, water, fisheries. The role of prices and property rights in allocation of resources. Issues such as resource pricing, recycling, and direct regulation of resource use will be analyzed. Application of benefit-cost analysis to problems of market failure. An assessment of the strengths and weaknesses of benefit-cost analysis as a guide for decisions. Prerequisite: ECON 203 or AREC 250 or equivalent.

CLAS 374 — GREEK TRAGEDY. The course will highlight problems faced by Greek tragic heroes and heroines at crossroads in their lives, and it will examine the way they defended their actions and decisions when responding to these problems. Tragedies of Aeschylus, Sophocles and Euripides will be studied by means of lectures, discussions, videotapes, and slides.

CNEC 310 — CONSUMER ECONOMICS AND PUBLIC POLICY. Designed to provide students with an understanding of the role of the private and public sector in meeting consumer needs. The need for social intervention and procedures for evaluating the impact of such intervention are discussed. Case studies are used to illustrate the interaction between economic and political considerations. Prerequisite: ECON 201 and 202.

CNEC 410 — CONSUMER FINANCE. An economic approach to the problems of income allocation and consumer financial planning, including income maximization, principles of asset choice, financial management and risk management. The effects of fiscal and monetary policies on lifetime economic planning. May not be taken by students who have credit for FMCD 441. Prerequisite: ECON 201 and 202.

CNEC 431 — THE CONSUMER AND THE LAW. A study of legislation affecting consumer goods and services. Topics covered include product safety and liability, packaging and labeling, deceptive advertising, and consumer credit. The implications of such legislation for consumer welfare with particular emphasis on the disadvantaged groups in our society will be examined. These questions are analyzed on both a theoretical and on an applied level. Prerequisite: Completion of Social & Behavioral Science requirement.

CNEC 437 — CONSUMER BEHAVIOR. An application of the behavioral sciences to a study of consumer behavior. Current theories, models and empirical research findings are explored. Prerequisite: PSYC 100 and SOCY 100.

ECON 415 — INTRODUCTION TO ECONOMIC DEVELOPMENT OF UNDERDEVELOPED AREAS. Examines the problems confronting less developed nations and considers the economic, political, and social factors which influence their growth. Comparisons are made between the experience of developed and less developed nations. Appropriate policies with regard to agriculture, capital formation, education, foreign trade, and planning are reviewed, with illustrations from planned and market economics. Prerequisite: ECON 201 and 203; or 205.

ECON 490 — SURVEY OF URBAN ECONOMIC PROBLEMS AND POLICIES. Analyzes the development of cities and the effects of growth patterns on the welfare of city residents. Examines decentralization of employment, housing service, taxes, and zoning. The course reviews the organization of local government and how conflicts between government policies arises. Prerequisite: ECON 201 and 203; or 205.

EDCP 420 — EDUCATION AND RACISM. This course is designed for students who seek to understand the causes and effects of racism in educational settings. The course will examine the origins of racial attitudes in American society, individual versus institutional racism, the effects of racial bias, the measurement and alteration of racial attitudes, sources and expressions of institutional racism, and the design and evaluation of programs to counter racial bias in educational settings. Prerequisite: None.

EDHD 413 — ADOLESCENT DEVELOPMENT. Students will examine the physiological, psychological and societal aspects of adolescent development. They will analyze data and seek solutions to adolescent problems such as delinquency and teenage pregnancy. Each will conduct a field-based case study of a normal adolescent. Class discussion and participation is emphasized. Prerequisite: PSYC 100 or EDHD 306 or equivalent.

EDHD 445 — GUIDANCE OF YOUNG CHILDREN. Study of the various theories, research methodologies, and observational techniques which contribute to our knowledge of child development; the designing of environments most likely to provide for optimal growth; the impact of cultural differences on child development; application toward problems affecting children such as family structure. Prerequisite: PSYC 100, EDHD 306 or the equivalent.

EDIT 476 — APPLICATION OF TECHNOLOGY TO SOCIETAL PROBLEMS. Study of alternative solutions of a technological nature to such societal problems as housing, transportation, energy, communications, production, trash and waste disposal, water development, and pollution control. Explores and examines the decision-making processes involved in determining suitable selections. Prerequisite: 6 semester hours in Behavioral/Social Sciences and 6 semester hours in Natural/Physical Sciences.

EDIT 488T — ISSUES CONFRONTING FAMILIES PAST AND FUTURE: A MULTIDISCIPLINARY EXAMINATION. This course is designed to examine issues confronting families now and in the future. The theoretical framework focuses on how technology, communication, and values affect family decisions regarding a variety of issues. These issues include roles, management of resources, work, health, and information seeking. Prerequisites: PSYC 100 or SOCY 100.

EDPA 400 — THE FUTURE OF THE HUMAN COMMUNITY

EDPA 488G — TECHNOLOGY, SOCIAL CHANGE & EDUCATION. The course is concerned with the new technology: how it relates to education and consequently to social change. The books assigned are from the academic area of Social Foundations of Education and from the emerging literature of Education Communications. A humanistic view is taken in an effort to try to understand recent technological developments. Assignments will involve two scholarly papers which will analyze the relationship of the new technologies to education and humanistic concepts. Prerequisites: Junior/Senior status and Social Science requirement completed.

ENAG 315 — ENERGY: ITS EFFECT ON AGRICULTURE AND FOOD. Study of the national and international energy supply problem and its effect on agricultural production and the food supply. Technical and political issues, alternate energy sources and other possible solutions and their limitations are discussed. Students have the opportunity to evaluate the solutions and issues and to offer their own in-depth analysis, suggestions and concerns for improving our nation's energy situation. Prerequisites: Junior standing and completion of the Natural Sciences and Mathematics requirements.

ENGL 379Q — SPECIAL TOPICS IN LITERATURE: UTOPIA & UTOPIAN VISIONS. Treats the development of the Utopian genres in literature and the transformation of some dystopian texts into films. The course emphasizes responses to the following human problems: Frederick Winslow Taylor's "Scientific Management" and modern technocracy, the anti-feminine tradition and feminism, the modern state and individual freedom, the distribution of wealth and the philosophy of pleasure, eugenics and euthanasia, and, finally, the problem of art vs. propaganda as confronted by the author of utopias. Prerequisite: Completion of two literature courses.

ENGL 379T — SPECIAL TOPICS IN LITERATURE: ON ARGUMENT. This course teaches students the nature and uses of written argument by having them: 1) read some of the great arguments in history, 2) learn the theory and strategies behind these arguments and arguments in general, and 3) practice writing and criticizing arguments themselves. The readings will include works and excerpts from works by John Milton, Adam Smith, Jonathan Smith, Jeremy Bentham, John Stuart Mill, Charles Darwin, E. O. Wilson, and contemporary arguments from different forums. Students will write two short and one longer paper and take a midterm and a final.

ENTM 303 — INTERNATIONAL PESTICIDE PROBLEMS AND SOLUTIONS. A global assessment of scientific, economic, social, and environmental consequences of pests, pesticides, and alternative pest control methods. Case studies to examine how human perceptions, international aid, multinational corporations, laws, and other factors affect use of pesticides and alternative methods. Emphasis on Third World problems and solutions. Designed to complement AGRO 303 International Crop Production. Prerequisite: BOTN 100, ZOOL 101, or equivalent.

FMCD 381 — POVERTY AND AFFLUENCE AMONG LOW INCOME FAMILIES AND THE COMMUNITY. An analysis of inequality in American society. Issues discussed are: (1) What is the appropriate definition of poverty in an affluent society? (2) What social mechanisms best explain the distribution of wealth? (3) What is our normative evaluation of the distribution of wealth? (4) What is the proper role of the government in regulating the distribution of wealth? Prerequisite: None.

FMCD 431 — FAMILY CRISES AND INTERVENTION. This course focuses on significant changes affecting families which ultimately require major adjustments in interpersonal and intrapersonal functioning. A wide range of crises is covered, including divorce, death, alcoholism, drug abuse, single parenting, suicide, child abuse, and serious physical illness. Issues and concerns of normative and catastrophic transitions during the developmental stages in the family life cycle are stressed. Alternative theories of family crisis are compared, and approaches to prevention and treatment of crises are presented. Prerequisite: Social Science Distributive Requirements.

FMCD 487 — LEGAL ASPECTS OF FAMILY PROBLEMS. Investigates the legal aspects of family problems within the context of the social and economic changes of the twentieth century. Focus of the course initially will be on the familiar topics of marriage and divorce, and will cover procreation, including those problems posed by new reproductive techniques. Also covered will be controversies involving the custody of children, the rights of family members after divorce and unmarried cohabitation.

FMCD 497 — THE CHILD AND THE LAW. This course will focus on children in the legal system, especially children's legal rights. Constitutional rights of children, children in the juvenile justice system, child custody disputes, child abuse and neglect, intake and diversion, and the rights and duties of minors for their torta and contracts will be discussed. A goal is to prepare students and professionals to become more effective and efficient persons in the helping professions and more informed about the rights and obligations of minors under the law. Prerequisite: Completion of Social Science Distributive Studies requirements.

FREN 478B — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION: FRANCOPHONE WOMEN WRITERS. The course examines some of the many questions related to woman's experience and quest for identity. Authors will include Sand, Colette, deBeauvoir, Sarraute, Duras, Cardinal, Blais. In English. Prerequisite: Completion of USP Distributive Studies Area C requirements.

FREN 478C — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION: CONFLICT BETWEEN INDIVIDUAL AND SOCIETY IN FRENCH LITERATURE. Prerequisite: Junior standing; a course in literature, philosophy, or history of ideas.

GEOG 434 — AGRICULTURAL AND RURAL DEVELOPMENT. Hunger, starvation and poverty affect one fourth of the world's population. The majority of these people live in the rural areas of Africa, Latin America, and Asia. This course deals with agricultural and rural development for the alleviation of hunger and poverty. Prerequisite: Junior and senior standing; completion of the Social and Behavioral Sciences Distributive Studies requirement.

GEOG 456 — SOCIAL GEOGRAPHY OF METROPOLITAN AREAS. A social-geographic examination of how people interact in urban environments, the ways people perceive, behave in, and structure their neighborhoods, cities, and metropolitan areas. The interrelationships between geographic space and human behavior, particularly the spatial patterns of social, economic, and behavioral activities, and the segregation of populations; the distribution and interaction of people and social institutions. Discussion of theories and analyses of metropolitan patterns and human behavior.

GEOG 464 — ENERGY RESOURCES AND PLANNING

GVPT 405 — PROBLEMS OF AMERICAN PUBLIC POLICY: DEFENSE POLICY AND ARMS CONTROL. Contemporary issues of military strategy and international security are covered, including: nuclear war, conventional (limited) war, guerrilla insurgency, arms control, disarmament, moderation of war, defense policy processes, and defense economics. Prerequisite: GVPT 170 or consent of instructor.

GVPT 432 — CIVIL RIGHTS AND THE CONSTITUTION. This constitutional law course is designed to help students learn about their own civil rights and civil liberties as American citizens. Substantively, the course deals with criminal due process rights, free expression and religious liberty, sex and discrimination. The semester culminates with the presentation of a "moot court." Prerequisite: GVPT 170 and 431.

GVPT 457 — AMERICAN FOREIGN RELATIONS. The principles and machinery of the conduct of American foreign relations, with emphasis on the department of state and the foreign service, and an analysis of the major foreign policies of the United States. Prerequisite: GVPT 170.

GVPT 462 — URBAN POLITICS. An overview of the socio-economic and political problems in urban America, particularly in the large cities. Analytical concepts to be used include community power, group influence, poverty, and ethnicity and bureaucratic theory. Prerequisite: Completion of Distributive Studies, Area D requirements.

HIST 312A — CRISIS AND CHANGE IN THE UNITED STATES: THE CHANGING URBAN SCENE. This course explores the changing urban scene in the United States with emphasis on the effects of urbanization on values, family patterns, intergroup relations and social structure. Theories about urbanization will be considered in relation to the historical evidence regarding cities at different stages of the national development.

HIST 313A — CRISIS AND CHANGE IN EUROPEAN SOCIETY: FREEDOM AND AUTHORITY. An examination from an historical perspective of the conflict between society's demands and the demands of the individual conscience. Areas covered: Ancient World, Modern Totalitarian States (Nazi Germany and the USSR), American Ideas and Experience. Prerequisites: one history course.

HIST 316A — CRISIS AND CHANGE IN LATIN AMERICA: SLAVERY AND RACE RELATIONS. This course attempts to help students understand the similarities and differences in the slave systems and the parallel racial tensions that developed in the Americas since the sixteenth century. Emphasis will be placed upon the formation of the slave societies, the tensions caused by the abolition movements that led to the end of the slave era, and the evolutions of modern racism. Prerequisite: one history course.

HLTH 476 — DEATH EDUCATION. Examination of the genesis and development of present day death attitudes, meanings given death, and death related behaviors and practices. Students are asked to analyze the human response to one's own death, death of beloved others, and the possibility of horrendous deaths by means of conventional and nuclear war, homicide, etc. Prerequisite: Completion of Distributive Studies, Area D.

HONR 378 — HONORS SEMINAR: ANALYSIS OF HUMAN PROBLEMS

ITAL 411 — DANTE. Dante's life, thought and times as expressed in his *Vita Nuova* and the *Divine Comedy*. In English. No knowledge of Italian required. Prerequisite: Completion of Area C, Distributive Studies.

NUTR 425 — INTERNATIONAL NUTRITION. Nutritional status of world populations and programs for improvement. Objectives: to gain understanding of cultural and environmental factors which affect diet and nutrition; to see the complexity of nutrition problems; to explore possible solutions in various ecological areas based on insights developed from the foregoing considerations. Prerequisite: One course in basic nutrition.

PHIL 308F — PHILOSOPHICAL ASPECTS OF FEMINISM. Theoretical frameworks underlying issues of feminism, including theories for and theories against feminist conclusions. Major topics include sex/gender roles, the nature of sexuality, equal rights, pornography, abortion, the family, feminist socialism, and feminist and antifeminist positions. The final topic is the possibility of gender bias in the approach used in the course itself. Prerequisite: One course in philosophy.

PHIL 408A — ANALYSIS AND DESIGN OF LEGAL AND MORAL INSTITUTIONS. A study of the relationship between moral principles and the actual design and operation of social institutions and practices. The course seeks to determine whether there are foundational standards by which rules of law and/or morality can be assessed, and to determine the bearing of such standards on social mechanisms such as contracts or procedures for mediation of disputes. Prerequisite: One course in Philosophy and one course in Economics or Government and Politics.

PSYC 354 — CROSS-CULTURAL PSYCHOLOGY. An exploration of cultural components in theory and research in personality, social, and community psychology. Consideration is given to the interplay of individual, ethnic, and cultural factors in individual and collective psychosocial growth and well-being. The role of these factors in cross-cultural and cross-ethnic communication and interactions including counselling and psychotherapy is also examined. Class includes didactic and experiential elements. Prerequisite: six hours of psychology or consent of the instructor.

SOCY 305 — SCARCITY AND MODERN SOCIETY. This course is an exercise in the extremely difficult task of social forecasting. It begins with a review of environmental problems, focusing on the need for social change to preserve the capacity of the ecosystem to support populous modern societies. The remainder of the course analyzes theories of social change, recent changes which directly or indirectly affect the man/environment relationship, and theories of social engineering to produce changes in future societies. Prerequisite: SOCY 100 or 300.

SOCY 325 — SEX ROLES. Course is about gender. It's about living in a world in which the fact that you are male or female colors virtually every aspect of your life from cradle to grave. It influences the care and training you receive from parents, the play activities and playmates available to you, what is expected of you and offered to you in school, the nature of your friendships, your interests and life goals, your experience of marriage and parenting, your job, your earnings, your physical and emotional health, the quality of your healthcare, your rights and protections under the law, your proneness and vulnerability to violence, your eligibility for military service, and your very life expectancy. Prerequisite: SOCY 100 or SOCY 105.

SOCY 427 — DEVIANT BEHAVIOR. Current theories of the genesis and distribution of deviant behavior, definitions of deviance, labeling theory, secondary deviance and their implications for a general theory of deviant behavior. Prerequisite: SOCY 327 or 12 credits in Sociology, or permission of instructor.

SOCY 431 — FORMAL AND COMPLEX ORGANIZATIONS. The concept of formal organization. The study of functioning and control in the operation of bureaucracies such as corporations and in large-scale organizations such as military, religious and educational hierarchies. Forms of recruitment, internal mobility and organizational personality. Relations between large-scale organizations and with the larger society. Prerequisite: SOCY 100 or 105.

SOCY 441 — SOCIAL STRATIFICATION AND INEQUALITY. This course is the department's most advanced undergraduate course in the general area of social stratification and inequality. Since the department offers both more specialized courses (e.g., sex stratification, racism) and less advanced courses (e.g., SOCY 241, 341), this course attempts to be a rigorous general overview of the scientific research and debates in the field, emphasizing reading original sources, not texts, and doing original investigation.

SOCY 464 — MILITARY SOCIOLOGY. This course is concerned with the role of the military in American society. It considers the strengths and weaknesses of our current all-volunteer force, as compared to national service systems. It attempts to ascertain what America's needs are in military manpower and organization in a "peace time" environment. It examines the emerging role of American military personnel as members of peacekeeping forces. Prerequisite: SOCY 100 or 105.

ZOOL 381 — NATURAL HISTORY OF THE CHESAPEAKE BAY: PAST, PRESENT AND FUTURE. Consideration of the major groups of organisms associated with the Chesapeake Bay and current issues that determine man's present and future uses for the bay and its biota. Prerequisite: A course in biological sciences or permission of the instructor.

ADVANCED STUDIES: APPROVED COURSES

(To Be Offered in Future Semesters)

DEVELOPMENT OF KNOWLEDGE

AMST 418E	The American Image of Africa
AMST 428A	American Cultural Eras: Social Dramas in American Cultural History
AMST 432	Literature and American Society
ARHU 309A	Forms and Forces of Human Experience: An Interdisciplinary Exploration
CJUS 330	Contemporary Legal Policy Issues
CLAS 320	Women in Classical Antiquity
ENGL 379B	Language and Gender: Male/Female Difference in Language Use
ENGL 379I	Special Topics in Literature: Science and Literature
ENGL 379J	Special Topics in Literature: Interpreting the Bible
ENGL 379K	Special Topics in Literature: Private Lives
ENGL 379L	The Great Divide: The Modern and Pre-Modern Worlds
ENGL 379M	Britain in the Age of Revolution, 1760-1820
ENGL 379V	Special Topics in Literature: Modern Poetry and the Visual Arts
ENGL 420	Literature of the Romantic Period
GEOL 301	Evolution in Geology
GERM 479B	Language and Science
GNED 301	The Arts and the Sciences
HEBR 498B	Special Topics in Jewish Studies: Issues in Jewish Ethics and Law
HIST 311A	Approaches to the Past: Approaches to European Social History
HIST 311B	Approaches to the Past: Historiography
HIST 319S	Science and History
HIST 402	Development of Modern Physical Science
HIST 403	20th Century Revolutions in the Physical Sciences
HIST 412	Readings in Psycho-History
HSAD 451	Gaming Simulation in Design I
MATH 310	Introduction to Mathematical Reasoning
MUSC 340	Music Literature Society I
PHIL 308A	Philosophy of Literature and Film
PHIL 308D	Discovery and Analogy in Science
PHIL 308	Philosophy of History
PHIL 308C	Philosophy and Computers
PHIL 334	Philosophy of Music
PHIL 408	Philosophical Issues in Art History
PHIL 408	Aesthetic Theory and Philosophy of Criticism
PHIL 408	Contemporary French and German Philosophy
PHIL 408	The Nature of Scientific Understanding
PHIL 450	Scientific Thought I
PHIL 451	Scientific Thought II
PHIL 453	Philosophy of Science II
PHIL 454	Philosophy of Economics
PHIL 456	Philosophy of Biology
PHIL 458A	Philosophy of Agricultural Science
PHIL 458X	Causation and Causal Thinking
PHIL 465	Philosophy of Psychology
PHIL 472	Philosophy of Math
PHYS 490	Crosslisted with HIST 403
SOCY 403	Intermediate Sociological Theory
SOCY 498K	Sociology of Knowledge
SPAN 406	Communication and Structure
ZOOL 328F	The Brain

ANALYSIS OF HUMAN PROBLEMS

AGRO 303	International Crop Production
AMST 418B	Cultural Themes in America: Cultural and Mental Disorders
AMST 418C	Cultural Themes in America: The American Environment: Conservation and Ecology
AMST 418D	Cultural Themes in America: Growing Up American
AMST 428B	American Cultural Eras: American Film Culture in the 1960's
ANTH 389B	Medicine, Health and Culture
ARHU 308A	Post World War II Japan Through Film and Fiction
CHEM 374	Technology, Energy and Risk
CNEC 435	Economics of Consumption
ECON 451	Public Choice and Public Policy
EDCI 381	Schools and Children
EDCP 462	The Disabled Person in American Society
ENGL 379F	Special Topics in Literature: Coping with Change
ENGL 379N	Special Topics in Literature: The Literature of Sentiment and Sentimentality
ENGL 379R	Different Views of the Bay
ENGL 379S	Changing Ideas of the City in Western Literature
FREN 479A	The Literature of Existentialism and the Absurd
FREN 479D	Themes and Movements in French Literature in Translation: Ideologies and Relations Between the Sexes
GEOG 462	Water Resources and Water Resource Planning
GEOG 463	Geographic Aspects of Pollution
GEOL 402	Analysis of Environmental Pollution of Mining and Mineral Utilization
GERM 389R	Reason and Faith
GERM 389J	Honor as a Theme in Western Literature
GNED 300	Perspectives on Nuclear War
GVPT 403	Law, Morality, and War
GVPT 471	Women and Politics
HIST 312B	Crisis and Change in the United States: Dynamics of Federal Indian Policy
HIST 314A	Crisis and Change in the Middle East and Africa: Nationalism and Nation Building in the Middle East
HIST 317	The Professions and Society
HIST 458A	Special Topics in Women's History: Victorian Women
NUTR 498H	Development and Modification of Food Habits
PERH 490	Theories of Children's Love and Peace Behaviors
PHIL 308B	Philosophy of Life
PHIL 340	Making Decisions
PHIL 342	Moral Problems in Medicine
PHIL 408L	Racial and Sexual Discrimination
PHIL 446	Law, Morality and War
PHIL 441	History of Ethics
PHYS 318	Topics in Contemporary Physics: The Risks of Nuclear Power
SOCY 333	Technology and Society
SOCY 460	Sociology of Work
SOCY 498A	Medical Sociology
SOCY 498N	Sociology of Nuclear War
SOCY 498W	Work, Family, Community and Friendship: Issues in Social Identity and Well Being
SPCH 425	Communication and Sex Roles
ZOOL 346	Human Genetics and Society

What's New and Interesting

DISTINGUISHED SCHOLAR-TEACHER COURSES

In 1978-79 the Campus initiated the Distinguished Scholar-Teacher Program whereby outstanding scholar-teachers will offer a series of special courses with an interdisciplinary emphasis. Each of the Distinguished Scholar-Teachers offers one course open to undergraduate students regardless of major. For the fall semester, the course and instructor will be:

HIST 360 — AMERICAN COLONIAL HISTORY (3). Dr. Alison G. Olson, Department of History, Tu-Th 11:00-12:15. Colonial America from Jamestown to 1763. The establishment of the various colonies with emphasis on the reasons for the instability of colonial society to 1689; the emergence of stable societies after 1689; the development of colonial regionalism, political institutions, social divisions, education, urban and frontier problems in the eighteenth century.

GRADUATE POLYSEMINAR

In 1986-87 The Research Center for Arts and Humanities initiated a series of interdisciplinary polyseminars on subjects of wide interest for which eminent scholars will be invited to campus. These scholars give public lectures, meet with a faculty study group, and teach one session each of a graduate seminar. For the fall semester, the graduate seminar and director will be:

WMST 700: FEMINISM AND STRUCTURES OF KNOWLEDGE (3). Dr. Evelyn Torton Beck, Women's Studies Program, W 7-9:30 p.m. An exploration of the impact of feminist theories on the assumptions and methods of selected traditional disciplines, including art, cultural anthropology, psychology, history, the sciences, literature, and economics. A second focus will be the new scholarship on women, which will include considerations of race, class, age, ethnicity and sexuality.

AFRO-AMERICAN STUDIES PROGRAM

AASP 400 — DIRECTED READINGS: THE AMERICAN DILEMMA. This seminar focuses on classic studies of the black condition in the United States. Each year several books are selected for discussion and critique to provide students at the University of Maryland a "capstone" experience that heightens their understanding and appreciation for the historical complexity of the black experience in America.

AASP 428J — FUNDAMENTALS OF PUBLIC POLICY ANALYSIS. What are ZBB, MBO and C-B analysis? How do they relate to the development, analysis, implementation and evaluation of strategies designed to solve the problems of the poor and minority communities? This course is required for AASP majors (Public Policy Concentration). It is highly recommended for Government and Politics, Economics, Business and Urban Studies majors who plan to pursue graduate study in public management. Various research methods used to evaluate the effectiveness of public policy options will be examined. The course will review the advantages and disadvantages of alternative research methods and discuss how these techniques have been used to evaluate the effectiveness of employment, education and health care policy. The course will focus on how research design is a crucial element in determining the success or failure of a specific policy.

AASP 298A — BLACKS AND ECONOMIC DEVELOPMENT. Should black communities embrace publicly assisted strategies of helping small businesses and provision of employment and training assistance or should they seek self-sufficiency through cooperatives, community-based corporations and the like? This course examines and evaluates these and other strategies implemented in various black communities in the U.S., Africa and the Caribbean for insights about economic growth, technology transfer, brain drain and other important aspects of economic development in minority communities.

AASP 298C — BLACKS AND THE LAW. The emphasis in this course will be on the relationship between black Americans and the criminal justice system. Through a consideration of historical changes in the structure and content of criminal law and the legal institutions designed to support and implement that law, the course will examine the causes of racial disparities in criminal involvement, arrests, convictions and punishment.

DEPARTMENT OF AGRONOMY

AGRO 105 — SOIL AND ENVIRONMENT. USP Distributive Studies (B). There is more to soil than just dirt. The course uses an ecological approach and a worm's-eye global tour to get you involved in such critical issues as water pollution, land-use planning, hunger, homesite selection, and gardening. TuTh 2-3:15.

AGRO 302 — GENERAL SOILS. USP Distributive Studies (B). An ecological approach to the fundamentals of soil properties and management, the course deals with the soil as a natural body and a medium for plant growth. An opportunity to apply principles of basic science to growing plants, waste disposal, environmental quality, and soil erosion. Lecture: T-Th 3:30-4:45. Labs: Tu 10-1, W 3-6, or W 9-12.

DEPARTMENT OF ART HISTORY

ARTH 489D — JAPANESE ART OF THE MEIJI AND TAISHO ERAS: 1868 TO 1926. Dr. Mark Sandler will teach a lecture course on the Art of Japan during the period that covers the regions of the grandfather and father of the present Emperor of Japan. This was a period of rapid cultural development and exciting change as Japan was opened to the West and began the process of modernization. This course will look at various Japanese responses to the challenges and attractions posed by exposure to the art of the West. Some attention will also be given to early West historians, critics and collectors of Japanese art.

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

BSOS-CASS — CERTIFICATE IN APPLIED SOCIAL SCIENCE. The College of Behavioral and Social Sciences offers a new undergraduate certificate program for those students interested in expanding their analytic and research skills in preparation for careers in the public and private sectors. The certificate in applied social science consists of an integrated, interdisciplinary package of courses in research and analytic methods in applied social science which is designed to complement a student's major. To qualify, students will be required to complete 21 hours of specified courses which include: an introduction to applied behavioral and social sciences, general analytic skills courses, a course in the ethics of social science research and a structured internship/practicum experience with an integrating seminar. Further information about the program is available from Dr. Barbara Altman, Program Director, Room 2108 Art/Sociology Building, X5036.

DEPARTMENT OF EDUCATION POLICY, PLANNING & ADMINISTRATION

EDPA 788C — ACADEMIC PERSONNEL POLICY AND ADMINISTRATION. No college or school can be better than its professors, department heads, deans. This course explores policies, practices, and issues associated with recruitment, affirmative action, supervision, performance appraisal, incentives and compensation, promotion and tenure, staff development, program review, and retrenchment.

DEPARTMENT OF FOOD, NUTRITION, AND INSTITUTION ADMINISTRATION

FOOD 110 — FOOD FOR PEOPLE. Investigate the comprehensive and complex role of food in our society. Discuss food-related behavior and attitudes of individuals, industry, and government. Clarify the influence of food on national and international economics and politics. USP Distributive Studies (D).

NUTR 335 — HISTORY OF NUTRITION. Prerequisite: course in basic nutrition. Follow the history of the development of knowledge in nutrition. Study the biographies of creative nutrition researchers and learn the nature of the discovery process as well as the importance of social and cultural conditions in motivating researchers and finding solutions to nutritional problems. USP Advanced Studies — Development of Knowledge.

DEPARTMENT OF FRENCH AND ITALIAN

FREN 101H — ELEMENTARY FRENCH. Open to the highly motivated student. Introduction to reading, writing and speaking. This is not a section of FREN 101, but a separate course. Grades are based on individual performance and progress and are expected to be high in this course.

FREN 200 — FRENCH FOR READING. This course prepares students to translate from French to English on an advanced level. No previous knowledge of French required. (Dr. Demaitre)

FREN 102/H — ELEMENTARY FRENCH. Open to the highly motivated student. Reading, writing and speaking. This is not a section of FREN 102, but a separate course. Grades are based on individual performance and progress and are expected to be high in this course. (Staff)

FREN 340 — MODERN LITERATURE IN TRANSLATION. This course is designed to introduce students to major works of modern French literature and associated literary theories and movements. The principal focus will be on the novel and theater. (Dr. Mossman)

FREN 475 — FRANCHOPHONE FILM. For the first time our department is offering a course that assembles a set of films from several French-speaking countries (French-speaking Africa, French Canada, Belgium, Martinique, Switzerland and Tunisia), to highlight the richness and variety of Francophone cinematic contributions. Each film will be introduced and placed in its historical, social and esthetic context. Films will be discussed in two-hour sessions. (Dr. Hage)

DEPARTMENT OF GEOGRAPHY

GEOG 110 — THE WORLD TODAY: A REGIONAL GEOGRAPHY. Satisfies USP-D requirement. A geographic examination of major countries and world regions. Designed for the general student who wants a basic understanding of the environmental, cultural and economic forces affecting major regions of the world.

GEOG 130 — DEVELOPING COUNTRIES. Satisfies USP-D requirement. An introduction to the geographic characteristics, development problems and prospects of less developed countries. The distribution of poverty, emerging livelihood patterns, migration and urban growth, agricultural productivity, rural development and international trade. Portraits of selected developing countries.

GEOG 140 — COASTAL ENVIRONMENTS. Satisfies USP-B requirement. An introduction to coastal processes and resulting landforms including wave propagating and nearshore currents, tides, sea level fluctuations over geologic time, granulometry, aeolian processes and resulting dune formations, genesis and morphology of barrier island systems, coastal management issues with emphasis on the mid-Atlantic, Florida Gulf and British coasts.

GEOG 305 — QUANTITATIVE METHODS IN GEOGRAPHY. A practical introduction to data sources and measurement, basic descriptive statistics, data collection, sampling and questionnaire design, field techniques, map use, introduction to computer use and data presentation.

GEOG 322 — CENTRAL AMERICA, THE CARIBBEAN AND MEXICO. The physical framework, broad economic and historical trends, cultural patterns, and regional diversification of Mexico, Central America, the West Indies.

GEOG 340 — GEOMORPHOLOGY. Survey of the world's landforms. Frequency of occurrence and implications for land utilization. Coastal, fluvial, glacial and wind generated landforms in different environmental settings. Taught by Andrew Marcus.

GEOG 345 — CLIMATOLOGY. In-depth survey of earth's atmospheric environment focusing on development of regional climate, including solar energy distribution and use by the surface, winds and weather.

GEOG 372 — REMOTE SENSING. Principles of remote sensing in relation to photographic, thermal infra-red and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships.

GEOG 373 — COMPUTER MAPPING. Prerequisite: GEOG 370 or CMSC 110. Introduction to the use of computers to produce maps, with emphasis on software packages and algorithms used to produce thematic maps. Mathematical and perceptual problems of maps produced on line printers, line plotters, and display screens.

GEOG 420 — CULTURAL GEOGRAPHY. Prerequisite: one of the following: GEOG 201 and 202; ANTH 101 and 102; or consent of instructor. The impact of man through his ideas and technology on the evolution of geographic landscapes. Major themes in the relationships between cultures and environments.

GEOG 440 — PROCESS GEOMORPHOLOGY. Prerequisite: GEOG 340 or GEOL 340 or consent of instructor. A quantitative investigation of the fundamental geomorphic processes shaping modern landscapes, with emphasis on fluvial, coastal and glacial processes. Field, instrumentatiion and laboratory analyses.

GEOG 471 — CARTOGRAPHIC PRODUCTION. One hour of lecture and four hours of laboratory per week. Map making and modern methods of production and reproduction. Organization of artwork for multicolor or series map production including production planning and quality control.

GEOG 480 — ADVANCED REMOTE SENSING. Prerequisite: GEOG 372 or introductory remote sensing in another department. Project-oriented approach to specific applications of remote sensing. Use of numerical, digital data and pictorial images from aircraft and space vehicles. Image display and enhancement. Applications in resources management and environmental studies.

GEOG 481 — ADVANCED COMPUTER MAPPING. Prerequisite: GEOG 373 or consent of instructor. Advanced concepts in automated cartography. Computerized map projections and displays. Computer assisted map design and symbolization.

GEOG 483 — SURVEY OF COMPUTER FACILITIES FOR GEOGRAPHY AND URBAN STUDIES. The PRIME computer system. Graphics terminals, digitizers, plotters. File creation and use (PRIMOS), software for statistical analysis (MINITAB), relational data base management system (INFO), digitizing (DIGSRF2), contour mapping (SURFACE II), mapping of census data (CHOROMAP), symbol mapping (GIMMS). Other computer facilities on campus.

GEOG 498P — CONTEMPORARY PROBLEMS ON THE POLITICAL GEOGRAPHY OF EASTERN EUROPE. The political geographic characteristics of the countries of Southeast and North central Europe. The cultural and economic diversity of the individual countries of the region: contemporary problems of resources including energy availability; ethnicity; inequality and security of the countries of the region; nationalism; and East-West economic and political relationships. Taught by Professor George Hoffman.

GEOG 618C — COASTAL GEOMORPHOLOGY SEMINAR. Beach erosion is becoming a national problem, yet expensive high-rise buildings are being constructed along the water's edge; course will focus on barrier island dynamics with case studies, including Ocean City, MD and Cape Cod, MA. Prior courses in geomorphology are recommended but not required.

GEOG 679P — THE PLANNING PROCESS. For the would-be planner, and corporate planner-manager. Methods of plan development, from the formulation of policies to the design and implementation of programs; the course is conceived within the tradition of procedural planning theory. The planning process as it operates in a variety of organizational contexts.

GEOG 696 — GEOGRAPHIC INFORMATION SYSTEMS. The design, use, and management of computer based geographic information systems. Computer assisted spatial data collection, management, and display in education, government, and industry.

DEPARTMENT OF GOVERNMENT AND POLITICS

GVPT 100 (0201) — PRINCIPLES OF GOVERNMENT AND POLITICS. This course will concentrate on understanding politics through the theories of Public Choice — which were cited in this year's Nobel Prize in Economics and have been said to be the intellectual foundation for the New Conservatives. We shall study such diverse institutions as revolutions, elections, interest groups, etc. and will assume (as in Public Choice theory) that politicians are in it for what they get. The reading is tough, the material is great, and the course is easier if you are not afraid of math. But anyone can take it, enjoy it and learn.

GVPT 260 — STATE AND LOCAL GOVERNMENT. GVPT 260 is an introduction to the government, administration and politics of American state and local governments. Major topics include: administrative reform and reorganization; reapportionment; financing state local systems; the politics of metropolitan reorganization; federalism and intergovernmental relations; and urban political machines.

GVPT 282 — THE GOVERNMENT AND POLITICS OF THE THIRD WORLD. GVPT 282 deals with the political, economic and social development of the Third World. Emphasis is given to problems of achieving development in the contemporary world and on alternative governmental system for modernization. Chances of success of the various systems and strategies are also discussed.

GVPT 399A — SEMINAR IN GOVERNMENT AND POLITICS: DEMOCRACY AND EFFECTIVENESS IN INTERNATIONAL RELATIONS. Are democratic regimes at a disadvantage in foreign affairs — including national security and international economic relationships — because of the constraints of democratic norms at home? Is democracy in domestic politics a valuable resource in the conduct of foreign and security relations? The American case is explored in comparison with other Western democracies and with non-democratic regimes.

GVPT 399B — SEMINAR IN GOVERNMENT AND POLITICS: CHINESE FOREIGN POLICY. This course is designed to analyze the evolution of Chinese foreign policy since 1949. It will examine the theoretical basis and the formulation of Chinese foreign policy and foreign relations with the superpowers and other countries. Attention will also be given to Chinese domestic politics that have influenced Chinese policy.

GVPT 401 (0201) — PROBLEMS OF WORLD POLITICS. This course deals with major world issues; it is *not* concerned exclusively with issues of the Western world. The approach is conceptual and analytical. Topics include divided nations, US-China/East-West/North-South relations, ideology, arms control, nonalignments, human rights, refugees, ethnic conflict, terrorism, multinational corporations, ecopolitics, revolution, war and peace, and other "problem areas."

GVPT 405 — PROBLEMS OF AMERICAN PUBLIC POLICY: DEFENSE POLICY AND ARMS CONTROL. The course will offer a multidisciplinary survey of problems of international security, the risks of nuclear war and conventional war, the difficult choices of defense policy and arms control. Approaches to the process of making defense policy will be intertwined with issues of nuclear deterrence, conventional war, guerrilla war and terrorism, and the risks of deadly technologies in the future. Lectures will be given by a variety of instructors from the social sciences, history, and the physical sciences.

GVPT 432 — CIVIL RIGHTS AND THE CONSTITUTION. Civil rights and civil liberties of American citizens, substance of rights claims, modes of enforcement and remedies, political science orientations, due process rights, religious liberty, free expression, and discrimination are all topics which are examined.

GVPT 436 — THE LEGAL STATUS OF WOMEN. The common law's denigration of women was symbolized by the suspension of a woman's legal existence when she married. Statutory and constitutional law reflected this common law attitude. Not until the 1970's did the law become a woman's ally, rather than enemy. This course explores the evolution of the law from woman's oppressor to her liberator.

GVPT 451 — FOREIGN POLICY OF THE U.S.S.R. This course is designed to introduce students to the analysis of Soviet foreign policy, especially since 1945. Its aims are to develop knowledge about Soviet activities in the foreign policy sphere, but also, and more importantly, to analyze the factors underlying the formulation and implementation of Soviet policy. Students will be required to read and evaluate a wide range of Soviet and Western sources.

GVPT 462 — URBAN POLITICS. Politics and policies in cities and other urban areas will be the focus of this course. Factors that influence local politics, interest groups and political machines, the reform movement and its aftermath, policy formation, community power, and several policy areas will be considered.

GVPT 473 — LEGISLATURES AND LEGISLATION. Policy formation in Congress, legislative-executive relations, committees and political parties. How Congress has changed in the past decade, House-Senate comparisons. There will be a major focus on Congressional elections and legislator-constituent interactions. Students will have the opportunity to examine elections by computer analysis.

GVPT 479A — POLITICS OF THE VIETNAM WAR. A multi-disciplinary and multi-media approach to the Vietnam war is presented in an effort to understand the role of the United States, and the enduring effects that the war had on U.S. political and military policies. Current sociological, political, and generational issues relating to the war are also discussed. (3 texts, several articles, a comprehensive final exam, and maintaining a journal are required)

GVPT 485 — GOVERNMENT AND POLITICS OF THE MIDDLE EAST. The seminar will focus on Arab political systems, ideological and socio-economic trends in the Arab States, conflict and cooperation in the Middle East, and relations between the region and the rest of the world.

LINGUISTICS PROGRAM

LING 200 — INTRODUCTORY LINGUISTICS (3). Ways of studying human language; basic concepts of modern linguistic analysis (sound systems, word formation, syntax, meaning). The nature of human language; the social aspects of language; language change; dialects; writing systems; language universals; etc.

LING 240 — LANGUAGE AND MIND (3). The study of language as a cognitive phenomenon. Ways of representing people's knowledge of their native language, ways in which that knowledge is attained naturally by children, and how it is used in speaking and listening. Relevant philosophical literature. Relationship to study of other cognitive abilities: reasoning, perception, sensory-motor development.

LING 440 — GRAMMARS AND COGNITION (3). Prerequisite: LING 240. Relationship between the structure, development and functioning of grammars and the structure, development and functioning of other mental systems. Interpretations of experimental and observational work on children's language, aphasia, speech production and comprehension.

LING 445 — COMPUTER MODELS OF LANGUAGE (3). Prerequisite: LING 240. The ways in which a person's grammar can be put to use. The ways that grammars function in sentence processing; language parsers.

DEPARTMENT OF PHILOSOPHY

PHIL 408B — LOGIC: A PHILOSOPHER'S TOOLBOX (Stairs). An accelerated introduction to symbolic logic plus extensions such as possible worlds semantics. The course aims at giving the student an up-to-date toolkit for handling the use of logic in philosophical discussions.

PHIL 408R — REALISM, RELATIVITY, AND RATIONALITY (Nola). Issues of philosophical realism and anti-realism arising out of sociological studies of science.

NOTE: Various courses with philosophical content taught in other departments will be cross-listed as philosophy courses. For information concerning these, consult the listing for the course given by the other department.

PHIL 428F (= CMLT 679A) MODERNITY AND FRAGMENTED THOUGHT (Heyndels)

DEPARTMENT OF PHYSICS AND ASTRONOMY

PHYS 102—PHYSICS OF MUSIC (3) (Sucher). Sound, acoustics, the ear, reproduction, synthesizers, musical instruments. Elementary knowledge of music notation required; no prerequisites. Together with PHYS 103, satisfies USP laboratory science requirement.

PHYS 103 — PHYSICS OF MUSIC LABORATORY (1) (Berg). Pre- or co-requisite: PHYS 102 or 499C. Laboratory to accompany PHYS 102 or 499C.

PHYS 106 — LIGHT, PERCEPTION, PHOTOGRAPHY AND VISUAL PHENOMENA (3) (Goodman). Lenses, cameras, holography, physics of the eye, color vision, art and illustrations. No math. Together with PHYS 107, satisfies USP laboratory science requirement.

PHYS 107 — LIGHT, PERCEPTION, PHOTOGRAPHY AND VISUAL PHENOMENA LABORATORY (1) (Goodman). Pre- or co-requisite: PHYS 106. Optical laboratory to accompany PHYS 106. Experiments include geometrical optics, optical instruments, perception, color phenomena and wave phenomena.

PHYS 299C — SPECIAL PROBLEMS IN PHYSICS: PHYSICS FOR MANAGERS AND ANALYSTS (3) (Misner). Prerequisite: MATH 220 or 140. The Lotus 1-2-3 program for microcomputers, a widely used business tool, is taught and practiced. It is then employed to implement the calculus that is the normal language of physics. The areas of physics that are studied are those that illustrate how prediction and control of the outcome of a process can be achieved by understanding and (automatically) combining the incremental steps that lead up to it. Probable areas are archeological dating by radioactive decay, the internal structure of the sun, and satellite orbits.

PHYS 499C—SPECIAL PROBLEMS IN PHYSICS: PHYSICS OF MUSIC (3) (Sucher). Similar to PHYS 102, but requires (non-science) background in some aspect of music production.

PHYS 499F — TWENTIETH CENTURY PHYSICS: PHYSICS FOR MANAGERS AND ANALYSTS (3) (Misner). Prerequisite: MATH 220 or 140. The Lotus 1-2-3 program for microcomputers, a widely used business tool, is taught and practiced. It is then employed to implement in a concrete way the calculus that is the normal language of physics. The areas of physics that are studied are those that illustrate how prediction and control of the outcome of a process can be achieved by understanding and (automatically) combining the incremental steps that lead up to it. Probable areas are archeological dating by radioactive decay, the internal structure of the sun, and satellite orbits. All students will do a computer-based term project.

DEPARTMENT OF SOCIOLOGY

SOCY 398J — JAPANESE SOCIETY. This is an introductory overview of Japanese society. The primary goal of the course is to provide students with a basic understanding of Japanese society; what is unique and what is not. In order to do this, we first examine some unique aspects of Japanese culture and religion. Approximately half of the semester is spent on the basic principles of social organization in Japan. The second half examines these specific institutions. Topics covered include: social structure; exchange and interaction; rural life; contemporary family; women's roles; industrial Japan; and community integration.

SOCY 470—RURAL-URBAN RELATIONS. The course will be oriented around the question of whether or not there are rural-urban differences, and what if any impact rural-urban differences of the past or present might have on society. These issues will be approached mainly from the perspective of human ecology (population, organization, environment, technology), and reading material will be drawn primarily from recent sociological and other social science journals.

INSTITUTE FOR URBAN STUDIES

URBS 630 — URBAN ECONOMICS AND POLICY ANALYSIS. Prerequisite: ECON 454 or consent of the instructor. Urban problem and policy analysis in the context of urban spatial patterns and trends and urban public sector organization, finance and operation. Education, zoning and land use planning, fiscal diversity and equal opportunity, new communities, the future of the central city, and alternative institutions for the future.

URBS 670 — URBAN PUBLIC POLICY ANALYSIS. The processes and structures of policy-making and implementation in urban settings. Systematic study of policy outputs through various quantitative indicators of the distribution and delivery of public goods to indicate who decides, on what grounds, who will get how much of what — and why? Discussion and application of urban indicators.

URBS 680 — ENVIRONMENTAL & LAND USE PLANNING. An overview of planning processes needed by the urban administrator and researcher. The elements and techniques of the planning process, and the institutional setting in which planning takes place.

URBS 683 — SOCIAL PLANNING. For students interested in planning, policy analysis, or public administration. Covers both technical analysis and political context of planning. Offers methods for problem-solving in a variety of organizational settings. Students' projects involve actual problems and organizations.

URBS 688P — THE PLANNING PROCESS. For the would-be urban planner, and corporate planner-manager. Methods of plan development, from the formulation of policies to the design and implementation of programs; the course is conceived within the tradition of procedural planning theory. The planning process as it operates in a variety of organizational contexts.

WOMEN'S STUDIES PROGRAM

WMST 700 — FEMINISM AND STRUCTURES OF KNOWLEDGE (3). Dr. Evelyn Torton Beck, Women's Studies Program, W 7-9:30 p.m. An exploration of the impact of feminist theories on the assumptions and methods of selected traditional disciplines, including art, cultural anthropology, psychology, history, the sciences, literature, and economics. A second focus will be the new scholarship on women, which will include considerations of race, class, age, ethnicity and sexuality.

DEPARTMENT OF GERMANIC LANGUAGES AND LITERATURES

GERM 141 — ELEMENTARY YIDDISH I (Billig)

GERM 165 — ELEMENTARY SWEDISH I (Oster)

GERM 281 — WOMEN IN GERMAN LITERATURE AND SOCIETY (Frederiksen). The changing roles of women in marriage, family, cultural and political life including the struggle for equal education and employment; from 1800 to the present with particular focus on the contrasting situations in East and West Germany after 1945. No prerequisites; readings and instruction in English. USP AREA A

GERM 282 — GERMANIC MYTHOLOGY (Fleck). An introduction to the world of gods, giants, dwarfs, trolls, dragons, and heroes believed in by the Germanic tribes before their conversion to Christianity. Source readings from the *Eddas*, skaldic poetry and the sagas. Comparison with the related mythologies of Greece and Rome, the Celts, Iran and India. No prerequisites; readings and instruction in English. USP AREA A

GERM 369 — MASTERPIECES OF SCANDINAVIAN LITERATURE (Oster). No prerequisites; readings and instruction in English.

GERM 381 — GERMAN CIVILIZATION I (Herin). A survey of the general culture of the German-speaking peoples from their emergence on the European scene through the Middle Ages and up to the beginning of the 19th century. Art, architecture, and music presented with slides and recordings. No prerequisites; readings and instruction in English. USP AREA A

GERM 389C — THE ANCIENT CELTS (Fleck). An introduction to the ancient Celts through their literature: the Irish heroic Ulster and Fionn cycles, medieval Irish poetry, the Welsh poems of Taliesin and Aneirin and the pre-arthurian Mabinogion. Lectures on Celtic history, languages, religion, archeological finds and reconstructed everyday life-style. As a project each student handcrafts a period artifact or learns a period skill. No prerequisites; readings and instruction in English. USP AREA A

GERM 479L (LING 330) — HISTORICAL LINGUISTICS (Fleck). An introduction to the historical development of language. Language families and types, comparison and reconstruction, writing systems and the decipherment of "lost languages." A survey of Proto-Indoeuropean and its most important descendants. No prerequisites; readings and instruction in English.

GERM 499C — ARTS AND HUMANITIES MICROCOMPUTER USE (Pulgram). One to three credits of individualized instruction in the basic microcomputer skills. Specialized word processing skills and file-handling techniques for foreign language use. Individualized training in multilingual applications for paper, thesis, and dissertation writing; contact Dr. Pulgram at X4301 or 774-2666.

DEPARTMENT OF SLAVIC LANGUAGES & LITERATURES

SLAV 221 (OLD 328A) — TOLSTOI, DOSTOEVSKY AND CHEKHOV (Berry). The Golden Age of Russian literature — a basic introduction for the general university student. Class discussions will be supplemented by slides and films. No prerequisites; readings and instruction in English. USP — Area C.

SLAV 222 (OLD 328B) — RUSSIAN LITERATURE — 20th CENTURY (Lekic). No prerequisites; readings and instruction in English. USP — Area C.

SLAV 281 — RUSSIAN CULTURE (Berry). Russian history, literature, music, art and cuisine are examined to better understand why Russians are called "mad" and why their outlook on life is different from ours. No prerequisites; instruction in English. USP — Area A.

SLAV 327 (OLD 489) — OLD RUSSIAN LITERATURE IN TRANSLATION (Hitchcock). No prerequisites; readings and instruction in English.

SLAV 499C — ARTS AND HUMANITIES MICROCOMPUTER USE (Pulgram). One to three credits of individualized instruction in the basic microcomputer skills. Specialized wordprocessing skills and file-handling techniques for foreign language use. Individualized training in multilingual applications for paper, thesis, and dissertation-writing; contact Dr. Pulgram at x-4301 or 774-2666.

SEPTEMBER 16th IS THE LAST DAY TO:

- ADD A COURSE
- DROP A COURSE (WITHOUT A "W")
- CHANGE CREDIT LEVEL
- CHANGE GRADING OPTION
- APPLY FOR A DECEMBER 1987 DIPLOMA
- PROCESS A LATE REGISTRATION

The Eateries

Dory's Sweets

the Pizza Shop

This N' That

Maryland Sandwich Factory Too

Oasis

Butcher's Block

Pizza 'n Pasta

What's Your Beef
RESTAURANT
Lunch Monday - Friday 11 - 2 p.m.
Dinner Monday - Friday 5 - 9 p.m.
Reservations :
454- 7028

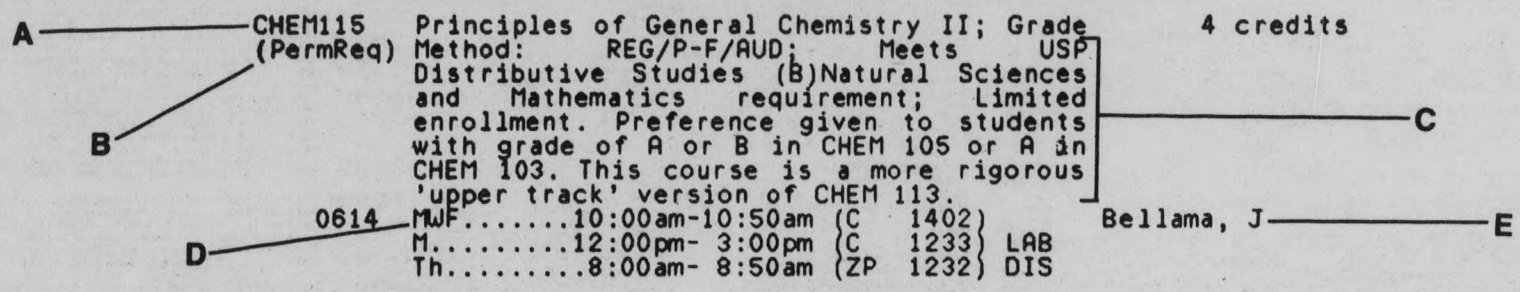
Farmers' market

STOP BAKERY

Maryland Sandwich Factory

Adele H. Stamp Student Union
UNDERGROUND SHOPS
University of Maryland
College Park, Maryland

HOW TO READ COURSE LISTINGS



A. Course number, title and credits.

B. Permission required — Indicates course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization. Students should be sure they have a department authorization stamp, on their Schedule Request Form, prior to their registration appointment.

C. Course information — outlines information such as grading methods, prerequisites, if course meets USP requirement, special requirements, and notes.

D. The first line of information next to the section number usually refers to the meeting time and room location (room location is indicated in parentheses) for the lecture segment of the course. Laboratory (LAB) and discussion (DIS) meeting times and locations are shown on the second and third lines when applicable.

E. Instructor

AASP Afro-American Studies (Behavior & Social Sci)

AASP100 Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
- 0101 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
  F.....10:00am-10:50am (COL 0102) DIS
- 0102 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
  F.....10:00am-10:50am (COL 0100) DIS
- 0103 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
  F.....11:00am-11:50am (COL 0100) DIS
- 0104 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
  F.....11:00am-11:50am (COL 0102) DIS
- 0105 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
  F.....12:00pm-12:50pm (EGR 0135) DIS
- 0106 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
  F.....12:00pm-12:50pm (CHM 0119) DIS

AASP200 African Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
- 0101 TuTh.....9:30am-10:45am (KEY 0126) Perinbam, B

AASP202 Black Culture in the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
- 0101 MW.....10:00am-10:50am (SHM 2101) Harley, S
  F.....10:00am-10:50am (MMH 1304) DIS
- 0102 MW.....10:00am-10:50am (SHM 2101) Harley, S
  F.....9:00am- 9:50am (COL 0102) DIS
- 0103 MW.....10:00am-10:50am (SHM 2101) Harley, S
  F.....10:00am-10:50am (ARM 0105) DIS
- 0105 MW.....10:00am-10:50am (SHM 2101) Harley, S
  F.....11:00am-11:50am (CHM 0122) DIS
- 0106 MW.....10:00am-10:50am (SHM 2101) Harley, S
  F.....11:00am-11:50am (CHM 0128) DIS
- 0107 MW.....10:00am-10:50am (SHM 2101) Harley, S
  F.....9:00am- 9:50am (CHM 0122) DIS

AASP298A Special Topics in Afro-American Studies: Blacks and Economic Development; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 W.....4:00pm- 6:30pm (LEF 2208) Wilson, S

AASP298B Special Topics in Afro-American Studies: Blacks and Political Development; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 MWF.....11:00am-11:50am (LEF 1220) STAFF

AASP298C Special Topics in Afro-American Studies: Blacks and the Law; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 TuTh.....11:00am-12:15pm (TAA 1130) Sabol, W

AASP298D Special Topics in Afro-American Studies: Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. — 3 credits
- 0101 TuTh.....12:30pm- 1:45pm (MMH 1400) Myers, S

AASP298S Special Topics in Afro-American Studies: Civil Rights Movement; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 TuTh.....9:30am-10:45am (LEF 1220) Smead, H

AASP298V Special Topics in Afro-American Studies: The Blues as a Cultural Art Form; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 W.....1:00pm- 3:30pm (SDH 3123) Williams, J

AASP300 The Black Community and Public Policy; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 Th.....2:00pm- 4:30pm (LEF 1220) Rouse, V

AASP311 The African Slave Trade; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 MWF.....1:00pm- 1:50pm (WDS 0104) STAFF

AASP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; — 1-3 credits
- 0101 Time and room to be arranged STAFF

AASP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; — 1-3 credits
- 0101 Time and room to be arranged STAFF

AASP397 Senior Reading and Research Seminar in Afro-American Studies; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 Time and room to be arranged STAFF

AASP400 Directed Readings in Afro-American Studies; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 M.....2:00pm- 4:30pm (LEF 1222) STAFF

AASP428J Special Topics in Black Development: The Fundamentals of Public Policy Analysis; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 Tu.....4:30pm- 7:00pm (TLF 0101) Carson, E

AASP428L Special Topics in Black Development: Health Care and the Family; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 W.....2:00pm- 4:30pm (LEF 1222) Williams, M

AASP428W Special Topics in Black Development: The Black Women in America; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 M.....2:00pm- 4:30pm (LEF 1221) Harley, S

AASP429C Special Topics in Black Culture: Ban Ghetto Culture; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 Tu.....2:00pm- 4:30pm (LEF 1220) Williams, M

AEED Agricultural and Extension Education (Agriculture)

AEED305 Teaching Young and Adult Farmer Groups; Grade Method: REG/P-F/AUD; — 1 credit
- 0101 TuTh.....8:00am- 8:50am (SYM 0115) Cooper, E

AEED311 Teaching Secondary Vocational Agriculture; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 MW.....4:30pm- 7:00pm (SYM 0115) Cooper, E

AEED313 Student Teaching; Grade Method: REG/AUD; — 5 credits
- 0101 Time and room to be arranged Cooper, E

AEED315 Student Teaching; Grade Method: REG/AUD; — 1-4 credits
- 0101 Time and room to be arranged Cooper, E

AEED323 Developing Youth Programs; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
- 0101 TuTh.....11:00am-12:15pm (SYM 0200) Miller, M

AEED389A (PermReq) Selected Topics: Agricultural Leadership Development; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED389B (PermReq) Selected Topics: Advanced Leadership Procedures; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED489 (PermReq) Field Experience; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

AEED489A (PermReq) Field Experience: Early Career Teachers Course; Grade Method: REG/P-F/AUD; — 3 credits
- 0101 Time and room to be arranged Cooper, E

AEED499 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED626 Program Development in Adult and Continuing Education; Grade Method: REG; — 3 credits
- 0101 M.....7:00pm- 9:40pm (SYM 0115) Rivera, W

AEED632 International Extension/Adult Education; Grade Method: REG; — 3 credits
- 0101 Th.....7:00pm- 9:40pm (SYM 0115) Rivera, W

AEED661 Rural Community Analysis; Grade Method: REG; — 3 credits
- 0101 Tu.....2:00pm- 4:40pm (SYM 0115) Longest, J

AEED691 Research Methods in Adult and Continuing Education; Grade Method: REG/AUD; — 3 credits
- 0101 Tu.....5:00pm- 7:40pm (SYM 0115) STAFF

AEED699 (PermReq) Special Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED798A Seminar in Rural Education: Joint Vocational Education Seminar; Grade Method: REG/AUD; — 3 credits
- 0101 W.....4:15pm- 7:00pm (JMP 1202) Stough, K

AEED798F Seminar in Rural Education; Grade Method: REG/AUD; — 1 credit
- 0101 Tu.....7:45pm- 9:00pm (SYM 0115) STAFF

AEED799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

AEED899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

AGRI Agriculture (Agriculture)

AGRI389 (PermReq) Internship in Natural Resources Management: Work Experience in Natural Resources Management; Grade Method: S-F; NRM majors only. — 3 credits
- 0101 Time and room to be arranged Gibson Jr., G

AGRI411 (PermReq) Biology and Management of Shellfish; Grade Method: REG/P-F/AUD; One year of biology required. — 4 credits
- 0101 TuTh.....9:30am-10:20am (SYM 2303) Sieling, F
  TuTh.....10:30am-12:30pm (SYM 2303) LAB

AGRI489 Special Topics in Agriculture: Principles of Wildlife Management; Grade Method: REG; One year of biology required. — 3 credits
- 0101 TuTh.....8:00am- 9:15am (HZF 1106) Adams, L

AGRI489D Special Topics in Agriculture: Agricultural Research Management Seminar; Grade Method: REG/P-F/AUD; — 2 credits
- 0101 Tu.....4:00pm- 6:00pm (SYM 1308) Ingle, M

AGRO Agronomy (Agriculture)

AGRO100 Crops Laboratory; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies Lab-Science requirement when taken with AGRO 102. — 2 credits
- 0101 TuTh.....12:00pm- 2:00pm (HJP 1104) LAB Slaughter, L
- 0102 WF.....12:00pm- 2:00pm (HJP 0103) LAB Slaughter, L
- 0103 TuTh.....12:00pm- 2:00pm (HJP 0103) LAB Slaughter, L

AGRO105 Soil and the Environment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
- 0101 TuTh.....2:00pm- 3:15pm (HJP 0226) Weil, R

AGRO302 General Soils; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits
- 0101 TuTh.....3:30pm- 4:45pm (HJP 0226) Weil, R
  Tu.....10:00am- 1:00pm (HJP 0210) LAB
- 0102 TuTh.....3:30pm- 4:45pm (HJP 0226) Weil, R
  W.....3:00pm- 6:00pm (HJP 0210) LAB
- 0103 TuTh.....3:30pm- 4:45pm (HJP 0226) Weil, R
  W.....9:00am-12:00pm (HJP 0210) LAB

AGRO386 Field Work; Grade Method: REG/P-F/AUD; — 1-3 credits

0101 Time and room to be arranged STAFF

AGR0387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged STAFF

AGR0398 Senior Seminar; Grade Method: REG/P-F/AUD; 1 credit
0101 F.....2:00pm- 2:50pm (HJP 1104) STAFF

AGR0405 Turf Management; Grade Method: REG/P-F/AUD; Previous or concurrent registration in BOTN 100 is necessary. 3 credits
0101 MW.....2:00pm- 2:50pm (HJP 1104) Welterlen, M
W.....3:00pm- 6:00pm (HJP 1104) LAB

AGR0406 Forage Crop Production; Grade Method: REG/P-F/AUD; Previous or concurrent registration in AGR0 100 required. 3 credits
0101 MWF.....8:00am- 8:50am (HJP 1104) Decker, A

AGR0414 Soil Classification and Geography; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....10:00am-10:50am (HJP 1104) Fanning, D
W.....2:00pm- 5:00pm (HJP 0103) LAB

AGR0415 Soil Survey and Land Use; Grade Method: REG/P-F/AUD Prerequisite: AGR 302 3 credits
0101 MW.....9:00am- 9:50am (HJP 1104) Weismiller, R
M.....2:00pm- 4:50pm (HJP 0103) LAB

AGR0417 Soil Physics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-11:50am (HJP 1104) Hill, R
Th.....2:00pm- 4:50pm (HJP 0210) LAB

AGR0423 Soil-Water Pollution; Grade Method: REG/P-F/AUD; Previous or concurrent registration in AGR0 302 required 3 credits
0101 MWF.... ...1:00pm- 1:50pm (HJP 1104) Angle, J

AGR0453 Weed Control; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 8:50am (HJP 1104) Glenn, D
Th.....2:00pm- 4:45pm (HJP 1104) LAB

AGR0499 (PermReq) Special Problems in Agronomy; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
0101 Sa.....8:00am-12:00pm (HJP 1104) Weismiller, R

AGR0499A Special Problems in Agronomy: Soil Judging; Grade Method: REG/P-F/AUD; 1-3 credits
0101 MW.....11:00am-11:50am (HJP 1104) McIntosh, M

AGR0601 Advanced Crop Breeding I; Grade Method: REG/AUD; 2 credits
0101 MW.....11:00am-11:50am (HJP 1104) McIntosh, M

AGR0789A Advances in Agronomy Research: Computer Packages for Biological Data Analysis; Grade Method: REG/AUD; Concurrent registration in BIOM 405 section 0101. 2 credits
1101 Th.....9:00am-10:50am (HJP 1104) McIntosh, M

AGR0798 Agronomy Seminar; Grade Method: REG/AUD; Instructors are Angle and Kenworthy. 1 credit
0101 M.....12:00pm-12:50pm (HJP 1104) James, B

AGR0799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree. 1-6 credits

AGR0821 Advanced Methods of Soil Investigation; Grade Method: REG/AUD; 3 credits
0101 Tu.....2:00pm- 4:50pm (HJP 0103) James, B
0102 Th.....2:00pm- 4:50pm (HJP 0103) James, B

AGR0899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree. 1-8 credits

---

AMST American Studies (Arts and Humanities)

AMST201 Introduction to American Studies I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 2108) Francis, P
0301 MWF.....11:00am-11:50am (TLF 2108) Rogers, A
0401 MWF.....12:00pm-12:50pm (TLF 2108) Johnston, J
0501 MWF.....1:00pm- 1:50pm (TLF 2108) Rogers, A
0601 TuTh.....9:30am-10:45am (TLF 2108) Battenfeld, M
0701 TuTh.....11:00am-12:15pm (TLF 2108) Battenfeld, M
0801 TuTh.....11:00am-12:15pm (TLF 2103) Hilbish, D
0901 TuTh.....12:30pm- 1:45pm (TLF 2103) Metcalf, G
1001 TuTh.....12:30pm- 1:45pm (TLF 2108) Borish, L
1101 TuTh.....9:30am-10:45am (TLF 2101) Hilbish, D
1201 TuTh.....2:00pm- 3:15pm (TLF 2103) Borish, L
1301 MWF .....11:00am-11:50am (TLF 2103) Johnston, J

AMST203 Popular Culture in America; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....10:00am-10:50am (TLF 2126) Mintz, L

AMST204 Film and American Culture Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 2126) Lounsbury, M

AMST207 Contemporary American Cultures; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2126) Caughey, J

AMST330 Critics of American Culture; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 2110) Mintz, L

AMST386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST398 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST418K Cultural Themes in America: Race in America: Theory and Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2110) Diner, H

AMST429B Perspectives on Popular Culture: Science Fiction in American Culture; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2110) Lounsbury, M

AMST429E Perspectives on Popular Culture: Television and American Culture; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 2108) Mintz, L

AMST450 (PermReq) Seminar in American Studies; Grade Method: REG; American studies majors only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 2100) Diner, H

AMST618A Introductory Seminar in American Studies; Grade Method: REG; 3 credits
0101 W.....7:00pm- 9:40pm (TLF 2108) Kelly, R

AMST628A Seminar in American Studies: Film Culture in America; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:40pm (TLF 2110) Lounsbury, M

AMST628C Seminar in American Studies: Fifty Years of Federal Arts Patronage; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (TLF 2108) Larson, G

AMST628D Seminar in American Studies: East-West Cultural Connections; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:40pm (TLF 2108) Caughey, J

AMST628E Seminar in American Studies: Women and Family in American Culture; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:40pm (TLF 2110) Diner, H

AMST638 Orientation Seminar: Material Aspects of American Civilization; Grade Method: REG/AUD; Class meets at Smithsonian. Call American Studies Office (454-4661) for information. 3 credits
0101 Th.....1:00pm- 4:00pm (Arranged) Washburn, W

AMST639A Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; Grade Method: REG/AUD; Class meets at Smithsonian. Call American Studies Office (454-4661) for information. 3 credits
0101 Tu.....1:00pm- 3:30pm (Arranged) Carson, B

AMST698 (PermReq) Directed Readings in American Studies; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

AMST799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course. contact department or instructor to obtain section number. 1-6 credits

AMST899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ANSC Animal Science (Agriculture)

ANSC101 Principles of Animal Science; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
Tu.....12:00pm- 2:00pm (ANS 1144) LAB
0102 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
Tu.....2:00pm- 4:00pm (ANS 1144) LAB
0103 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
W.....10:00am-12:00pm (ANS 1144) LAB
0104 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
Th.....12:00pm- 2:00pm (ANS 1144) LAB
0105 MW.....1:00pm- 1:50pm (CHE 2110) Debarthe, J
F.....12:00pm- 2:00pm (ANS 1144) LAB

ANSC201 Basic Principles of Animal Genetics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CLB 0111) Kuenzel, W

ANSC211 Anatomy of Domestic Animals; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....2:00pm- 2:50pm (CHE 2110) Bradley-Bullock
M.....3:00pm- 5:00pm (EPL 0101) LAB
0102 MWF.....2:00pm- 2:50pm (CHE 2110) Bradley-Bullock
M.....3:00pm- 5:00pm (EPL 0101) LAB
0103 MWF.....2:00pm- 2:50pm (CHE 2110) Bradley-Bullock
F.....11:00am- 1:00pm (EPL 0101) LAB
0104 MWF.....2:00pm- 2:50pm (CHE 2110) Bradley-Bullock
F.....3:00pm- 5:00pm (EPL 0101) LAB

ANSC221 Fundamentals of Animal Production; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 8:50am (CHM 0119) Young, E
Tu.....9:00am-11:00am (ANS 1109) LAB
0102 TuTh.....8:00am- 8:50am (CHM 0119) Young, E
Th.....9:00am-11:00am (ANS 1109) LAB

ANSC230 Light Horse Management; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....1:30pm- 3:00pm (CHM 0115) Goodwin, E
Th.....3:00pm- 5:00pm (ANS 1109) LAB
0102 TuTh.....1:30pm- 3:00pm (CHM 0115) Goodwin, E
Tu.....3:00pm- 5:00pm (ANS 1109) LAB

ANSC252 Introduction to the Diseases of Wildlife; Grade Method: REG/P-F/AUD; 2 credits
0101 M.....4:00pm- 6:00pm (CHE 2110) Ingling, A

ANSC305 Companion Animal Care; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CHM 0128) Penney, B

ANSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ANSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ANSC399 (PermReq) Special Problems in Animal Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC401 Fundamentals of Nutrition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0119) Thomas, O

ANSC413 Laboratory Animal Management; Grade Method: REG/P-F/AUD; 3 credits
0101 WF.....1:00pm- 1:50pm (CHE 2116) Nepote, K
F.....2:00pm- 5:00pm (ANS 1144) LAB

ANSC423 Beef Production; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 401. 3 credits
0101 TuTh.....8:00am- 8:50am (ANS 1109) Barao, S
Th.....2:00pm- 5:00pm (ANS 1144) LAB

ANSC446 Physiology of Mammalian Reproduction; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 422 or ANSC 212. 3 credits
0101 MWF.....12:00pm-12:50pm (ANS 1109) Williams, W

ANSC447 Physiology of Mammalian Reproduction Laboratory; Grade Method: REG/P-F/AUD; Pre or corequisites: ANSC 446. 1 credit
0101 W.....3:00pm- 6:00pm (ANS 1150) LAB Williams, W

ANSC603 Mineral Metabolism; Grade Method: REG/AUD; 3 credits
0101 MF.....10:00am-12:00pm (ANS 1109) Soares Jr, J

ANSC610 Electron Microscopy; Grade Method: REG/AUD; 4 credits
0101 TuTh.....2:00pm- 2:50pm (ANS 1109) Mohanty, S
TuTh.....3:00pm- 5:00pm (CHE 2145) LAB

ANSC643 Research Methods; Grade Method: REG/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (ANS 1109) Vijay, I

ANSC660 Poultry Literature; Grade Method: REG/AUD; 1-4 credits
0101 Time and room to be arranged Thomas, O

ANSC661 Physiology of Reproduction; Grade Method: REG/AUD; 3 credits
0101 TuTh.....1:00pm- 1:50pm (ANS 1109) Ottinger, M
Th.....2:00pm- 4:00pm (ANS 1150) LAB

ANSC663 (PermReq) Advanced Nutrition Laboratory; Grade Method: REG/AUD; One hour lecture and six lab hours per week. 3 credits
0101 Time and room to be arranged Doerr, J

ANSC687 Veterinary Virology; Grade Method: REG/AUD; Instructors: Mohanty and Dutta 3 credits
0101 WF.....3:00pm- 4:15pm (ANS 1109) Dutta, S

ANSC698A Seminar: Recent Advances; Grade Method: REG/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (ANS 1109) Vandersall, J
0201 M.....4:00pm- 4:50pm (ANS 3105) Thomas, O

ANSC699 (PermReq) Special Problems in Animal Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ANTH Anthropology (Behavior & Social Sci)

ANTH101 Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....11:00am-11:50am (SKN 0200) Kerley, E
0201 MWF.....10:00am-10:50am (SKN 0200) Williams, A

ANTH102 Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0201 TuTh.....9:30am-10:45am (WDS 1114) Wali, A
0301 MWF.....1:00pm- 1:50pm (MMH 1304) Williams, A

ANTH102H Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Honors. 3 credits
0201 TuTh.....9:30am-10:45am (WDS 1114) Wali, A

ANTH241 Introduction to Archaeology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 0124) Leone, M

ANTH298A Special Topics in Anthropology: Chesapeake - An Archaeology of Maryland; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (SHM 2101) Shackel, P

ANTH371 Introduction to Linguistics; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SYM 0200) Eidson, J
0201 TuTh.....12:30pm- 1:45pm (TLF 0101) McDaniel, C

ANTH389A (PermReq) Research Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389C Research Problems: Culture and Personality; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SHM 2102) Stuart, W

ANTH389J Research Problems: Anthropology and Modernization; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1131) Wali, A

ANTH389M (PermReq) Research Problems: Psychological Anthropology; Grade Method: REG/AUD; 1 credit
0101 Tu.....3:30pm- 4:20pm (WDS 1130) Stuart, W

ANTH389X Research Problems: Honors Research; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Dent, R

ANTH389Y Research Problems: Honors Thesis; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Dent, R

ANTH397 Anthropological Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (WDS 1101) Stuart, W

ANTH401 Cultural Anthropology: Principles and Processes; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (SHM 2102) Eidson, J

ANTH451 Archaeology of the New World; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 0124) Dent, R

ANTH466 Forensic Anthropology Laboratory; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (WDS 0128) LAB Kerley, E

ANTH498 Field Methods in Ethnology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (WDS 1114) Gonzalez, N

ANTH601 (PermReq) Applied Anthropology; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (WDS 1131) Gonzalez, N

ANTH606 (PermReq) Methods of Cultural Analysis I; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (WDS 1130) Agar, M

ANTH611 (PermReq) Management and Cultural Process; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (WDS 1128) Leone, M

ANTH689A (PermReq) Special Problems in Anthropology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH689C Special Problems in Anthropology: Culture and Personality; Grade Method: REG/AUD; 1-6 credits
0101 MWF.....1:00pm- 1:50pm (WDS 1114) STAFF
0301 TuTh.....3:30pm- 4:45pm (WDS 1127) Stuart, W

ANTH689N (PermReq) Special Problems in Anthropology: Computer Applications; Grade Method: REG/AUD; 1 credit
0101 W.....7:00pm- 8:00pm (LEF 1222) Stuart, W

ANTH705 (PermReq) Internship; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 6-12 credits

ANTH712 (PermReq) Internship Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

---

APDS Applied Design (Arts and Humanities)

APDS101 Fundamentals of Design; Grade Method: REG/P-F/AUD; Design or pre-design majors have priority. Attendance is mandatory. 3 credits
0101 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2411) DIS
0102 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2411) DIS
0103 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2415) DIS
0104 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2415) DIS
0105 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2411) DIS
0106 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2411) DIS
0107 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2415) DIS
0108 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2415) DIS

APDS102 Design II; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101. Co-requisite: APDS 103. Pre-design or design majors only. Attendance is mandatory. 3 credits
0101 M.....9:00am- 9:50am (SKN 0124) STAFF
W.....8:00am-11:00am (MMH 2411) LAB
0102 M.....9:00am- 9:50am (SKN 0124) STAFF
W.....8:00am-11:00am (MMH 2415) LAB
0103 M.....9:00am- 9:50am (SKN 0124) STAFF
F.....8:00am-11:00am (MMH 2411) LAB
0104 M.....9:00am- 9:50am (SKN 0124) STAFF
F.....8:00am-11:00am (MMH 2415) LAB

APDS103 Design III: Three-Dimensional Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101. Co-requisite or pre-requisite: APDS 102. Design or pre-design majors only. Attendance is mandatory. 3 credits
0101 TuTh.....11:00am- 1:30pm (MMH 2411) LAB Eckersley, M
0201 TuTh.....11:00am- 1:30pm (MMH 2415) LAB Eckersley, M

0301	TuTh.....2:00pm- 4:30pm (MMH 2411) LAB	Eckersley, M	
0401	TuTh.....2:00pm- 4:30pm (MMH 2415) LAB	Eckersley, M	
APDS104	Survey of Design History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Attendance is mandatory.		3 credits
0101	MWF.....9:00am- 9:50am (MMH 1400)	McWhinnie, H	
APDS210	Presentation Techniques I; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 103. Attendance is mandatory.		3 credits
0101	MW.....4:00pm- 6:30pm (MMH 2411)	STAFF	
APDS211	Action Drawing: Fashion Sketching; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 101. Attendance is mandatory.		3 credits
0101	MWF.....11:00am- 1:00pm (MMH 2411) LAB	STAFF	
0201	MWF.....11:00am- 1:00pm (MMH 2415) LAB	STAFF	
APDS237	Photography; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisites: APDS 101, APDS 102. Additional lab time to be arranged. Attendance is mandatory.		3 credits
0101	Th.....3:00pm- 4:00pm (MMH 0110)	Jacobs, W	
	Tu.....2:00pm- 5:00pm (MMH 0110) LAB		
	Time and room to be arranged LAB		
APDS320	Fashion Illustration; Grade Method: REG/P-F/AUD; Prerequisites: APDS 101, 102, 103, 210, 211. Advertising design majors only. Attendance is mandatory.		3 credits
0101	Tu.....3:00pm- 4:00pm (MMH 1413)	Lozner, R	
	Th.....1:00pm- 4:00pm (MMH 1413) LAB		
0102	Tu.....3:00pm- 4:00pm (MMH 1413)	Lozner, R	
	Th.....4:00pm- 7:00pm (MMH 1413) LAB		
APDS330	Typography and Lettering; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101, 102. Advertising design majors only. Attendance is mandatory.		3 credits
0101	F.....9:00am-10:15am (MMH 1413)	STAFF	
	M.....8:00am-11:00am (MMH 1413) LAB		
0102	F.....9:00am-10:15am (MMH 1413)	STAFF	
	W.....8:00am-11:00am (MMH 1413) LAB		
APDS331	Advertising Layout; Grade Method: REG/P-F/AUD; Prerequisite: APDS 330 and EDIT 160, APDS 101, 102. Consent of instructor. Advertising design majors only. Attendance is mandatory.		3 credits
0101	Tu.....8:00am- 9:00am (MMH 1413)	Roper, J	
	Th.....8:00am-11:00am (MMH 1413) LAB		
0201	Th.....11:00am-12:00pm (MMH 1413)	Roper, J	
	Tu.....11:00am- 2:00pm (MMH 1413) LAB		
APDS332	Display Design; Grade Method: REG/P-F/AUD; Prerequisites: EDIT 160, APDS 330, APDS 101, APDS 102. Advertising design majors only. Attendance is mandatory.		3 credits
0101	M.....2:00pm- 3:30pm (MMH 1304)	Ansell, J	
	W.....4:00pm- 7:00pm (MMH 1413) LAB		
0102	M.....2:00pm- 3:30pm (MMH 1304)	Ansell, J	
	M.....4:00pm- 7:00pm (MMH 1413) LAB		
APDS337	Advanced Photography; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisites: APDS 237 and APDS 101, 102. Additional lab time to be arranged. Attendance is mandatory.		3 credits
0101	Tu.....12:00pm- 1:00pm (MMH 0110)	Gips, C	
	Th.....8:00am-11:00am (MMH 0110) LAB		
0102	Tu.....12:00pm- 1:00pm (MMH 0110)	Gips, C	
	Th.....12:00pm- 3:00pm (MMH 0110) LAB		
APDS380	Professional Seminar; Grade Method: REG/P-F/AUD; Junior standing and consent of the instructor. Advertising design majors only. Attendance is mandatory.		3 credits
0101	Tu.....5:00pm- 7:00pm (MMH 0108)	Lozner, R	
	Time and room to be arranged		
APDS386 (PermReq)	Field Work; Grade Method: REG/P-F/AUD; Must be taken concurrently with APDS 387. Advertising design majors by portfolio review and written consent of instructor. Attendance is mandatory.		1-3 credits
0101	M.....1:00pm- 1:50pm (MMH 2407A)	Roper, J	
0201	Time and room to be arranged	Gips, C	
0301	Time and room to be arranged	Lozner, R	
0401	Time and room to be arranged	Ansell, J	
0501	Time and room to be arranged	Jacobs, W	
0601	Time and room to be arranged	Thorpe, J	
APDS387 (PermReq)	Field Work Analysis; Grade Method: REG/P-F/AUD; Must be taken with APDS 386 - use same section number. Advertising design majors by portfolio review and written consent of instructor. Attendance is mandatory.		1-3 credits
0101	M.....1:00pm- 1:50pm (MMH 2407A)	Roper, J	
0201	Time and room to be arranged	Gips, C	
0301	Time and room to be arranged	Lozner, R	
0401	Time and room to be arranged	Ansell, J	
0501	Time and room to be arranged	Jacobs, W	
0601	Time and room to be arranged	Thorpe, J	
APDS430	Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101, 102, 330, 331. Advertising design majors only. Attendance is mandatory.		3 credits
0101	M..... 9:00am-10:00am (MMH 1108)	Thorpe, J	
	F.....8:00am-11:00am (MMH 1108) LAB		
0102	M.....9:00am-10:00am (MMH 1108)	Thorpe, J	
	W.....8:00am-11:00am (MMH 1108) LAB		
APDS431	Advanced Problems in Advertising Design; Grade Method. REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 430. Attendance is mandatory.		3 credits
0101	W.....12:00pm- 1:00pm (MMH 1413)	STAFF	
	M.....12:00pm- 3:30pm (MMH 1413) LAB		
APDS499A	Individual Problems in Applied Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		3-4 credits
APDS499D	Individual Problems in Applied Design: Core; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		3-4 credits

---

ARCH Architecture (Architecture)

ARCH170	Introduction to the Built Environment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;		3 credits
0101	MWF.....11:00am-11:50am (ARC 0204)	Kelly, B	
ARCH220	History of Architecture I; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....9:30am-10:45am (ARC 0204)	Vann, R	
ARCH242	Drawing I; Grade Method: REG/P-F/AUD; Architecture and pre-architecture majors only. Section 0104 is recommended for Path B students.		2 credits
0101	W.....12:00pm-12:50pm (ARC 1103)	Mason, L	
	M.....12:00pm- 2:00pm (ARC 1103) LAB		
0102	W.....12:00pm-12:50pm (ARC 1103)	Mason, L	
	F.....11:00am- 1:00pm (ARC 0101) LAB		
0103	W.....12:00pm-12:50pm (ARC 1103)	Mason, L	
	F.....12:00pm- 2:00pm (ARC 1121) LAB		
0104	W.....12:00pm-12:50pm (ARC 1103)	Mason, L	
	W.....7:00pm- 9:00pm (ARC 1103) LAB		
ARCH312	Architectural Structures I; Grade Method: REG/P-F/AUD; Prerequisite: MATH 220 and PHYS 122. ARCH majors only or permission of instructor.		3 credits
0101	TuTh.....11:00am-12:15pm (ARC 1101)	Loss, J	
ARCH313	Thermal and Acoustical Technology in Buildings; Grade Method: REG/P-F/AUD; Prerequisite: MATH 220 and PHYS 122. ARCH majors only or permission of instructor.		3 credits
0101	TuTh.....2:00pm- 3:15pm (ARC 1101)	Thiratrakoolcha	
ARCH343	Drawing II: Line Drawing; Grade Method: REG/P-F/AUD; ARCH majors only or permission of instructor.		2 credits
0101	F.....12:00pm- 2:00pm (ARC 1101)	Bennett Jr., R	
	M.....12:00pm-12:50pm (ARC 1101) LAB		
0102	F..... 12:00pm- 2:00pm (ARC 1101)	Bennett Jr., R	
	M..... 1:00pm- 1:50pm (ARC 1101) LAB		
ARCH375	Architectural Construction and Materials; Grade Method: REG/P-F/AUD; ARCH majors only or permission of instructor.		3 credits
0101	M.....7:00pm- 8:15pm (ARC 1101)	Arikoglu, K	
	Th.....5:00pm- 6:15pm (ARC 1101)		
ARCH386 (PermReq)	Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information.		1-3 credits
ARCH387 (PermReq)	Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information.		1-3 credits
ARCH400	Architecture Studio I; Grade Method: REG/P-F/AUD; ARCH majors only.		6 credits
0101	MWF.....2:00pm- 6:00pm (ARC 0204)	Berke, D	
	MWF.....2:00pm- 6:00pm (ARC 0101) LAB		
ARCH402	Architecture Studio III; Grade Method: REG/P-F/AUD; ARCH majors only.		6 credits
0101	MWF.....2:00pm- 6:00pm (ARC 1103)	Lewis, R	
	MWF.....2:00pm- 6:00pm (ARC 0101) LAB		
ARCH408 (PermReq)	Selected Topics in Architecture Studio: Architecture Studio Elective; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. ARCH majors only. Prerequisite: ARCH 403 or equivalent. Contact S. Sachs for information.		3-6 credits
ARCH416	Advanced Architectural Structures; Grade Method: REG/P-F/AUD; ARCH majors only or permission of instructor.		3 credits
0101	TuTh.....2:00pm- 3:15pm (ARC 1103)	Loss, J	
ARCH419 (PermReq)	Independent Studies in Architectural Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact J. Loss for course information.		1-4 credits
ARCH429 (PermReq)	Independent Studies in Architectural History; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information.		1-4 credits
ARCH434	History of Modern Architecture; Grade Method: REG/P-F/AUD; ARCH majors or permission of instructor.		3 credits
0101	MWF.....9:00am- 9:50am (ARC 1103)	Schumacher, T	
ARCH436	History of Islamic Architecture; Grade Method: REG/P-F/AUD; ARCH majors or permission of instructor.		3 credits
0101	TuTh.....12:30pm- 1:45pm (ARC 1101)	Vann, R	
ARCH449 (PermReq)	Independent Studies in Visual Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact William Bechhoefer for information.		1-4 credits
ARCH450 (PermReq)	Introduction to Urban Planning; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....9:30am-10:45am (ARC 1103)	Fogle, D	
ARCH453	Urban Problems Seminar; Grade Method: REG/P-F/AUD; ARCH majors or permission of instructor.		3 credits
0101	TuTh.....3:30pm- 4:45pm (ARC 1123)	Fogle, D	
ARCH459 (PermReq)	Independent Studies in Urban Planning; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information.		1-4 credits
ARCH461 (PermReq)	Design and Energy; Grade Method: REG/P-F/AUD; Level II students only. Prerequisite: ARCH 402 and ARCH 415.		3 credits
0101	TuTh.....11:00am-12:15pm (ARC 1123)	Thiratrakoolcha	
ARCH470 (PermReq)	Computer Applications in Architecture; Grade Method: REG/P-F/AUD; ARCH majors only.		3 credits
0101	W.....11:00am-11:50am (ARC 1127)	Sachs, S	
	F.....10:00am-12:00pm (ARC 1127) LAB		
ARCH472	Economic Determinants in Architecture; Grade Method: REG/P-F/AUD; Architecture majors only or permission of instructor.		3 credits
0101	M.....12:00pm- 1:50pm (ARC 1127)	Hill, J	
	F.....12:00pm- 1:50pm (ARC 1127) LAB		
ARCH478H	Selected Topics in Architecture: Architecture Criticism; Grade Method: REG/P-F/AUD;		3 credits
0101	W.....11:00am-11:50am (ARC 1121)	Lewis, R	
	F.....10:00am-12:00pm (ARC 1121) DIS		
ARCH478B (PermReq)	Selected Topics in Architecture: Introduction to Landscape Architecture Design and Site Planning; Grade Method: REG/P-F/AUD;		4 credits
0101	MWF.....3:00pm- 5:30pm (ARC 0101)	Lu, P	
ARCH479 (PermReq)	Independent Studies in Architecture; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information.		1-4 credits
ARCH489	Independent Studies in Architectural Preservation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information.		1-4 credits
ARCH600	Architecture Studio V; Grade Method: REG/AUD;		6 credits
0101	MWF.....2:00pm- 6:00pm (ARC 1105)	Dupuy, K	
	MWF.....2:00pm- 6:00pm (ARC 0101) LAB		
ARCH601	Architecture Studio VI; Grade Method: REG/AUD; ARCH majors only.		6 credits
0101	MWF.....2:00pm- 6:00pm (ARC 1101)	Johns, F	
	MWF.....2:00pm- 2:50pm (ARC 0101) LAB		
ARCH613	Structural Systems in Architecture; Grade Method: REG/AUD; ARCH majors only or permission of instructor.		3 credits
0101	TuTh.....5:00pm- 6:15pm (ARC 1125)	Loss, J	
	Tu.....4:30pm- 8:00pm (ARC 1101) DIS		
ARCH654 (PermReq)	Urban Development and Design Theory; Grade Method: REG/AUD;		3 credits
0101	MWF.....10:00am-10:50am (ARC 1103)	Dupuy, K	
ARCH674 (PermReq)	Seminar in Regionalism; Grade Method: REG/AUD;		3 credits
0101	W.....10:00am-11:00am (ARC 1123)	Bechhoefer, W	
	F.....10:00am-12:00pm (ARC 1123) LAB		
ARCH678	Selected Topics in Architecture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only.		1-6 credits
ARCH678A	Selected Topics in Architecture: The House; Grade Method: REG/AUD;		3 credits
0101	MW.....7:00pm-10:00pm (ARC 1123)	Johns, F	
ARCH678B (PermReq)	Selected Topics in Architecture: Turkish Studio; Grade Method: REG/AUD;		6 credits
0101	MWF.....2:00pm- 6:00pm (ARC 0101)	Bechhoefer, W	
	MWF.....2:00pm- 6:00pm (ARC 0101) LAB		
ARCH679	Independent Studies in Architecture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information.		1-6 credits
ARCH700	Architecture Studio VII; Grade Method: REG/AUD; ARCH majors only.		6 credits
0101	MWF.....2:00pm- 6:00pm (ARC 1127)	Bechhoefer, W	
	MWF.....2:00pm- 6:00pm (ARC 0102) LAB		
ARCH797	Thesis Proseminar; Grade Method: REG/AUD; ARCH majors only.		3 credits
0101	Time and room to be arranged	Schlesinger, B	
ARCH799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. ARCH majors only.		1-6 credits

---

AREC Agriculture and Resource Economics (Agriculture)

AREC250	Elements of Agricultural and Resource Economics; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....11:00am-11:50am (SYM 2109)	Gardner, B	
AREC310	Horse Industry Economics; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....11:00am-12:15pm (SYM 2109)	Lawrence, R	
AREC365	World Hunger, Population, and Food Supplies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;		3 credits
0101	TuTh.....9:30am-10:45am (SKN 0200)	Foster, P	
AREC407	Agricultural Finance; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....10:00am-10:50am (SYM 2109)	Leathers, H	
AREC414	Agricultural Business Management; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....3:30pm- 4:45pm (SYM 2109)	Cain, J	
AREC432	Introduction to Natural Resources Policy; Grade Method: REG/P-F/AUD;		3 credits
0101	W.....3:00pm- 5:40pm (SYM 0200)	Strand Jr., I	
AREC433	Food and Agricultural Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;		3 credits
0101	MW.....3:00pm- 4:15pm (SYM 1308)	Brown, E	
AREC445	World Agricultural Development and the Quality of Life; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....2:00pm- 3:15pm (SYM 2109)	Foster, P	
AREC453	Natural Resources and Public Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;		3 credits
0101	TuTh.....9:30am-10:45am (SYM 2109)	Strand Jr., I	
AREC489G	Special Topics in Agricultural and Resources Economics: Commodity Futures and Options; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....12:30pm- 1:45pm (ARM 0118)	Gardner, B	
AREC689E	Special Topics in Agricultural and Resource Economics: Optimization in Agricultural and Resource Economics; Grade Method: REG/AUD;		3 credits
0101	TuTh.....9:30am-10:45am (SYM 1308)	Hueth, D	
AREC699 (PermReq)	Special Problems in Agricultural and Resource Economics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-2 credits
AREC799 (PermReq)	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-6 credits
AREC806	Economics of Agricultural Production; Grade Method: REG/AUD;		3 credits
0101	MW.....3:00pm- 4:15pm (HZF 1106)	Leathers, H	
AREC832	Agricultural Price and Income Policy; Grade Method: REG/AUD;		3 credits
0101	MW.....8:00am- 9:15am (ZOP 1234)	Gardner, B	
AREC852	Advanced Resource Economics; Grade Method: REG/AUD;		3 credits
0101	TuTh.....2:00pm- 3:15pm (SYM 1308)	Just, R	
AREC899 (PermReq)	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-8 credits

---

ARHU Arts and Humanities (Arts and Humanities)

ARHU309 (PermReq)	Forms and Forces of Human Experience: An Interdisciplinary Exploration: An Exploration of Social and Cultural Issues in "Children of a Lesser God"; Grade Method: REG; Knowledge of sign language not required. Permission: Mr. Patterson 454-6793 or 454-2202.		3 credits
0101	TuTh.....12:30pm- 1:45pm (TWS 1204)	Patterson, W	
ARHU386	Field Work; Grade Method: REG/P-F/AUD;		1-3 credits
0101	Time and room to be arranged	DiPaolo, T	
ARHU387	Field Work Analysis; Grade Method: REG/P-F/AUD;		1-3 credits
0101	Time and room to be arranged	DiPaolo, T	

ARSC Air Science

ARSC100	The Air Force Today I; Grade Method: REG; An elective but required for freshmen desiring the four-year AFROTC program. The course consists of one lecture period and one corps training period (lab) each week. All cadets must attend convocation on 3 Sep from 0700-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays or Thursdays for lab. Only cadets with class conflict at 0800 may attend the 0700 lab with approval of instuctor.		1 credit
0101	Tu.....11:00am-11:50am (COL 3111)	Hughes, P	
	Tu.....8:00am- 8:50am (ARM 1122) LAB		
0102	Tu.....10:00am-10:50am (COL 3111)	Hughes, P	
	Tu.....8:00am- 8:50am (ARM 1122) LAB		
0103	Th.....10:00am-10:50am (COL 3111)	Hughes, P	
	Th.....8:00am- 8:50am (ARM 1122) LAB		
0104	Th.....11:00am-11:50am (COL 3111)	Hughes, P	
	Th.....8:00am- 8:50am (ARM 1122) LAB		
0111	Tu.....11:00am-11:50am (COL 3111)	Hughes, P	
	Th.....7:00am- 7:50am (ARM 1122) LAB		
0112	Tu.....10:00am-10:50am (GOL 3111)	Hughes, P	
	Th.....7:00am- 7:50am (ARM 1122) LAB		
0113	Th.....10:00am-10:50am (COL 3111)	Hughes, P	
	Th.....7:00am- 7:50am (ARM 1122) LAB		
0114	Th.....11:00am-11:50am (COL 3111)	Hughes, P	
	Th.....7:00am- 7:50am (ARM 1122) LAB		
ARSC110	Fundamentals of Flying; Grade Method: REG; This course is an elective but designed for AFROTC juniors slated for Air Force undergraduate pilot training. This course is a lower level elective open to any freshman or sophomore.		1 credit
0101	W.....10:00am-10:50am (COL 3110)	Miller, R	
ARSC200	The Development of Air Power I; Grade Method: REG; An elective, but required for sophomores desiring the four-year AFROTC Program. The course consists of one lecture period and one corps training period (lab) each week. All cadets must attend convocation on 3 Sep from 0700-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays or Thursdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor.		1 credit
0101	Tu.....10:00am-10:50am (COL 3112)	Gillespie, R	
	Tu.....8:00am- 8:50am (ARM 1122) LAB		
0102	Tu.....11:00am-11:50am (COL 3112)	Gillespie, R	
	Tu.....8:00am- 8:50am (ARM 1122) LAB		
0103	Th.....10:00am-10:50am (COL 3112)	Gillespie, R	
	Th.....8:00am- 8:50am (ARM 1122) LAB		
0104	Th.....11:00am-11:50am (COL 3112)	Gillespie, R	
	Th.....8:00am- 8:50am (ARM 1122) LAB		

0111 Tu.....10:00am-10:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0112 Tu.....11:00am-11:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0113 Th.....10:00am-10:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0114 Th.....11:00am-11:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB

ARSC205 (PermReq) The U.S. Air Force and Air Power; Grade Method: REG; This course is only open to AFROTC 2-year cadets. 4 credits
0101 Time and room to be arranged Fields, C

ARSC310 Management and Leadership I; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Consists of 3 lecture hours and one corps training (lab) period each week. Required for all juniors in AFROTC. All cadets must attend convocation on 3 Sept from 0700 - 0850, Room 0135 Armory. The rest of the semester, cadets.will meet at 0800 on Tuesdays or Thursdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor. 3 credits
0101 MWF.....9:00am- 9:50am (COL 3114) Miller, R
Th.....8:00am- 8:50am (COL 3109) LAB
0104 Th.....9:00am-11:30am (COL 3114) Fields, C
Th.....8:00am- 8:50am (COL 3109) LAB
0105 MWF.....11:00am-11:50am (COL 3114) Miller, R
Th.....8:00am- 8:50am (COL 3109) LAB
0106 TuTh.....2:00pm- 3:15pm (COL 3110) Fields, C
Th.....8:00am- 8:50am (COL 3109) LAB
0111 MWF.....9:00am- 9:50am (COL 3114) Miller, R
Th.....7:00am- 7:50am (COL 3109) LAB
0114 Th.....9:00am-11:30am (COL 3114) Fields,
Th.....7:00am- 7:50am (COL 3109) LAB
0115 MWF.....11:00am-11:50am (COL 3114) Miller, R
Th.....7:00am- 7:50am (COL 3109) LAB
0116 TuTh.....2:00pm- 3:15pm (COL 3110) Fields, C
Th.....7:00am- 7:50am (COL 3109) LAB

ARSC320 National Security Forces in Contemporary American Society I; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Consists of 3 lecture hours and one corps training (lab) period each week. Required course for all seniors in AFROTC and open to all university students (without lab) as an elective. All cadets must attend convocation on 3 Sept from 0700-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays or Thursdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor. 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 3111) Meyer, K
Th.....8:00am- 8:50am (COL 3109) LAB
0102 TuTh.....2:00pm- 3:15pm (COL 3111) Meyer, K
Th.....8:00am- 8:50am (COL 3109) LAB
0104 Th.....9:00am-11:30am (COL 3121) Meyer, K
Th.....8:00am- 8:50am (COL 3109) LAB
0111 TuTh.....12:30pm- 1:45pm (COL 3111) Meyer, K
Th.....7:00am- 7:50am (COL 3109) LAB
0112 TuTh.....2:00pm- 3:15pm (COL 3111) Meyer, K
Th.....7:00am- 7:50am (COL 3109) LAB
0114 Th.....9:00am-11:30am (COL 3121) Meyer, K
Th.....7:00am- 7:50am (COL 3109) LAB

ARTH Art History (Arts and Humanities)

ARTH100 Introduction to Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (ARC 0204) Firmani, D
0201 MWF.....9:00am- 9:50am (ASY 2203) Firmani, D
0301 TuTh.....9:30am-10:45am (ASY 2203) Heller, N
0401 MWF.....2:00pm- 2:50pm (ASY 1213) Pressly, W
0501 TuTh.....2:00pm- 3:15pm (ASY 2203) Miller, A

ARTH260 History of Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 2203) Venit, M
0201 MWF.....1:00pm- 1:50pm (ASY 2203) Firmani, D

ARTH261 History of Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 1213) Caswell, J
0201 MWF.....10:00am-10:50am (ASY 2203) Johnson, L

ARTH262 Arts of Asia; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....11:00am-11:50am (ASY 2309) Kim, H

ARTH284 Introduction to African Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 2309) Eyo, E

ARTH321 Masterpieces of Painting; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ASY 2309) Difederico, F

ARTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ARTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ARTH403 Roman Art and Archaeology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3211) Venit, M

ARTH406 Arts of China; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (ASY 3211) Kim, H

ARTH410 Early Christian - Early Byzantine Art; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3215) Spiro, M

ARTH412 Medieval Art; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3211) Ottesen, B

ARTH416 Northern European Painting in the 15th Century; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3215) Caswell, J

ARTH424 High Renaissance Art in Italy; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 3211) Johnson, L

ARTH430 European Baroque Art; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3215) Difederico, F

ARTH440 19th Century European Art; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3211) Hargrove, J

ARTH450 20th Century Art; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 2203) Burnham, J

ARTH470 Latin American Art; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3215) Miller, A

ARTH476 History of American Art to 1900; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 2309) Heller, N

ARTH489 Special Topics in Art History; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ARTH489A Special Topics in Art History: 17th and 18th Century Art; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (ASY 3219) Pressly, W

ARTH489B Special Topics in Art History: Egyptian Art; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3211) Venit, M

ARTH489C Special Topics in Art History: Representations of the Seasons in Roman and Christian Art; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3219) Spiro, M

ARTH489D Special Topics in Art History: Japanese Art of the Meiji and Taisho Eras:1868-1926; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....7:00pm- 9:30pm (ASY 2309) Sandler, M

ARTH498 (PermReq) Directed Studies in Art History I; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. 2-3 credits

ARTH499 (PermReq) Directed Studies in Art History II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. 2-3 credits

ARTH692 Methods of Art History; Grade Method: REG/AUD; 3 credits
0101 W.....1:00pm- 3:30pm (ASY 4304) Denny, D

ARTH698 (PermReq) Directed Graduate Studies in Art History; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. 3 credits

ARTH699A Special Topics in Art History: Contemporary Art and Criticism - 1945 to Present; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ASY 4306) Burnham, J

ARTH699B Special Topics in Art History: Seminar 19th Century Monuments; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (ASY 4304) Hargrove, J

ARTH699C Special Topics in Art History: Seminar: 17th Century Dutch Art: Rembrandt; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (ASY 4306) Wheelock Jr., A

ARTH699D Special Topics in Art History: Seminar: Japanese, Chinese and Korean Ceramics; Grade Method: REG/AUD; 3 credits
0101 F.....3:30pm- 6:00pm (ASY 4306) Kim, H

ARTH699E Special Topics in Art History: Seminar; Nigerian Art 2000 Years Continuum; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (ASY 4306) Eyo, E

ARTH798 (PermReq) Directed Graduate Studies in Art History; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. 3 credits

ARTH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. 1-6 credits

ARTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

ARTS Art Studio (Arts and Humanities)

ARTS100 Elements of Design; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....9:30am-11:30am (ASY 2314) Koscianski, L
0201 MW.....9:30am-11:30am (ASY 2318) Koscianski, L
0301 MW.....12:30pm- 2:30pm (ASY 2314) Demonte, C
0401 MW.....12:30pm- 2:30pm (ASY 2318) Demonte, C
0501 MW.....3:00pm- 5:00pm (ASY 2314) Krushenick, N
0601 MW.....3:00pm- 5:00pm (ASY 2318) Krushenick, N
0701 TuTh.....9:30am-11:30am (ASY 2314) Klank, R
0801 TuTh.....9:30am-11:30am (ASY 2318) Klank, R
0901 TuTh.....12:30pm- 2:30pm (ASY 2314) Gossage, J
1001 TuTh.....12:30pm- 2:30pm (ASY 2318) Gossage, J

ARTS110 Elements of Drawing; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....9:00am-11:30am (ASY 2317) LAB Morrison, K
0201 MW.....9:00am-11:30am (ASY 2321) LAB Morrison, K
0301 MW.....12:30pm- 3:00pm (ASY 2317) LAB Richardson, W
0401 MW.....12:30pm- 3:00pm (ASY 2321) LAB Richardson, W
0701 TuTh.....9:00am-11:30am (ASY 2317) LAB Ruppert, J
0801 TuTh.....9:00am-11:30am (ASY 2321) LAB Ruppert, J
0901 TuTh.....12:30pm- 3:00pm (ASY 2317) LAB Craig, P
1001 TuTh.....12:30pm- 3:00pm (ASY 2321) LAB Craig, P
1101 TuTh.....12:30pm- 3:00pm (ASY 2315) LAB Niese, H
1201 TuTh.....3:00pm- 5:30pm (ASY 2317) LAB STAFF
1301 TuTh.....3:00pm- 5:30pm (ASY 2321) LAB STAFF

ARTS208B Design: Three-Dimensional Design; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 1314) LAB Sanborn, J

ARTS208C Design: Figure Modeling; Grade Method: REG/P-F/AUD; Repeatable for total of 6 credits if content differs. 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1310) LAB Blotner, P

ARTS210 Intermediate Drawing; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 2315) LAB Koscianski, L
0201 TuTh.....12:30pm- 3:00pm (ASY 2322) LAB Lapinski, T
0301 TuTh.....3:00pm- 5:30pm (ASY 2315) LAB Gelman, E

ARTS320 Elements of Painting; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3318) LAB Kehoe, P
0201 MW.....12:30pm- 3:00pm (ASY 3322) LAB Kehoe, P
0301 MW.....12:30pm- 3:00pm (ASY 3312) LAB Krushenick, N
0401 MW.....3:00pm- 5:30pm (ASY 3312) LAB Koscianski, L
0501 MW.....3:00pm- 5:30pm (ASY 3316) LAB Koscianski, L
0601 TuTh.....12:30pm- 3:00pm (ASY 3322) LAB Klank, R

ARTS334 Elements of Sculpture: Construction; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1314) LAB Ruppert, J
0201 TuTh.....3:00pm- 5:30pm (ASY 1311) LAB Blotner, P

ARTS335 Elements of Sculpture: Carving; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1314) LAB Sanborn, J

ARTS340 Elements of Printmaking: Intaglio; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1317) LAB Forbes Jr., J
0201 MW.....9:00am-11:30am (ASY 1317) LAB Pogue, S
0301 MW.....12:30pm- 3:00pm (ASY 1317) LAB Pogue, S

ARTS344 Elements of Printmaking: Lithography; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-11:30am (ASY 1317) LAB Lapinski, T

ARTS386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ARTS387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ARTS418 Drawing; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 2322) LAB Kehoe, P

ARTS418A Drawing: Advanced Drawing: The Human Being; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 2322) LAB Truitt, A

ARTS418B Drawing: A Contemporary Approach to the Figure; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-11:30am (ASY 2322) LAB Niese, H

ARTS428 Painting: Advanced Painting; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. 3 credits
0101 MW.....9:00am-11:30am (ASY 3322) LAB Richardson, W
0201 TuTh.....12:30pm- 3:00pm (ASY 3322) LAB Klank, R

ARTS428A Painting: Advanced Acrylic Painting; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3312) LAB Krushenick, N

ARTS428B Painting: Advanced Oil Painting; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 3316) LAB Gelman, E

ARTS428C Painting: Mixed Media Painting; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:00pm- 5:30pm (ASY 3316) LAB Driskell, D

ARTS438A Sculpture: Bronze Casting; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. 3 credits
0101 TuTh.....3:00pm- 5:30pm (ASY 1310) Ruppert J

ARTS438B Sculpture: Stone Sculpture; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1314) Sanborn, J

ARTS438C Sculpture: Steel Sculpture; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1314) LAB Ruppert, J

ARTS438D Sculpture: Wood and Mixed Media Construction; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:00pm- 5:30pm (ASY 1311) LAB Blotner, P

ARTS448A Printmaking: Advanced Intaglio; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1317) LAB Forbes Jr., J
0201 MW.....9:00am-11:30am (ASY 1317) LAB Pogue, S
0301 MW.....12:30pm- 3:00pm (ASY 1317) LAB Pogue, S

ARTS448B Printmaking: Advanced Lithography; Grade Method: REG/P-F/AUD; Prerequisite: ARTS 344. 3 credits
0101 TuTh.....9:00am-11:30am (ASY 1317) LAB Lapinski, T

ARTS468 Advanced Seminar in Studio Art: Interrelation of Student Work and Contemporary Art; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....9:00am-11:30am (ASY 2322) LAB Truitt, A

ARTS489A Special Problems in Studio Arts: Methods and Materials of Painting; Grade Method: REG/P-F/AUD; Advanced students only. 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 3304) LAB Driskell, D

ARTS489B Special Problems in Studio Arts: Watercolor; Grade Method: REG/P-F/AUD; Repeatable for a total of 6 credits if content differs. 3 credits
0101 TuTh.....9:00am-11:30am (ASY 3304) LAB Craig, P

ARTS489C Special Problems in Studio Arts: Figure Modeling; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1310) LAB Blotner, P

ARTS489D Special Problems in Studio Arts: Artist's Survival Seminar; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 3304) LAB Demonte, C

ARTS489E Special Problems in Studio Arts: Environments; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 1311) LAB Sanborn, J

ARTS489F (PermReq) Special Problems in Studio Arts: Advanced Photography; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:00pm- 5:30pm (ASY 3304) Gossage, J

ARTS498 (PermReq) Directed Studies in Studio Art; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective. 2-3 credits

ARTS610 (PermReq) Drawing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ARTS620 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ARTS624 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ARTS626 Painting; Grade Method: REG/AUD; 3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

ARTS627 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ARTS634 (PermReq) Experimentation in Sculpture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ARTS646 Printmaking; Grade Method: REG/AUD; 3 credits
0501 Time and room to be arranged Forbes Jr., J
1101 Time and room to be arranged Lapinski, T
2101 Time and room to be arranged Pogue, S

ARTS689A Special Problems in Studio Art: Interrelation of Student Work and Contemporary Art; Grade Method: REG/AUD; 3 credits
0101 MW.....9:00am-11:30am (ASY 2322) Truitt, A

ARTS689B Special Problems in Studio Art: Artist's Survival Seminar; Grade Method: REG/AUD; 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 3304) LAB Demonte, C

ARTS698 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. 3 credits

ARTS798 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. 3 credits

ARTS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

ASTR Astronomy (Comp, Math, & Phys Sci)

ASTR100 Introduction to Astronomy; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies Non-Lab Science and Mathematics Requirement. If ASTR 110 or 111 are taken at the same or at a later time, the combination may be counted as a lab science requirement. Discussion sections do not meet the first week. Attend lecture before coming to discussion section. Section 0101 has no discussion section. 3 credits
0101 TuTh.....9:30am-10:45am (PHY 1412) Deming, G
0201 MWF.....9:00am- 9:50am (PHY 1412) Wilson, A
F.....1:00pm- 1:50pm (CSS 0201) DIS
0202 MWF.....9:00am- 9:50am (PHY 1412) Wilson, A
M.....10:00am-10:50am (CSS 0201) DIS
0204 MWF.....9:00am- 9:50am (PHY 1412) Wilson, A
Tu.....3:30pm- 4:20pm (CSS 1113) DIS
0205 MWF.....9:00am- 9:50am (PHY 1412) Wilson, A
W.....10:00am-10:50am (CSS 0201) DIS
0206 MWF.....9:00am- 9:50am (PHY 1412) Wilson, A
F.....10:00am-10:50am (CSS 0201) DIS
0208 MWF.....9:00am- 9:50am (PHY 1412) Wilson, A
F.....1:00pm- 1:50pm (CSS 1113) DIS
0209 MWF.....9:00am- 9:50am (PHY 1412) Wilson, A
W.....1:00pm- 1:50pm (CSS 0201) DIS
0210 MWF.....9:00am- 9:50am (PHY 1412) Wilson, A
F.....12:00pm-12:50pm (CSS 0201) DIS
0301 TuTh.....11:00am-12:15pm (PHY 1412) Tyson, T
Th.....3:30pm- 4:20pm (CSS 1113) DIS
0302 TuTh.....11:00am-12:15pm (PHY 1412) Tyson, T
M.....10:00am-10:50am (CSS 1113) DIS
0304 TuTh.....11:00am-12:15pm (PHY 1412) Tyson, T
M.....9:00am- 9:50am (CSS 0201) DIS
0305 TuTh.....11:00am-12:15pm (PHY 1412) Tyson, T
W.....10:00am-10:50am (CSS 1113) DIS
0306 TuTh.....11:00am-12:15pm (PHY 1412) Tyson, T
M.....3:00pm- 3:50pm (CSS 0201) DIS

0307 TuTh.....11:00am-12:15pm (PHY 1412) Tyson, T
W.....2:00pm- 2:50pm (CSS 0201) DIS
0308 TuTh.....11:00am-12:15pm (PHY 1412) Tyson, T
F.....10:00am-10:50am (CSS 1113) DIS
0309 TuTh.....11:00am-12:15pm (PHY 1412) Tyson, T
W.....3:00pm- 3:50pm (CSS 0201) DIS

ASTR110 Astronomy Laboratory; Grade Method: REG/P-F/AUD; Previous or concurrent enrollment in ASTR 100 is required. The first class meets on Sept. 7. 1 credit
0101 M.....8:00am-10:00am (CSS 1109) LAB STAFF
0201 M.....10:30am-12:30pm (CSS 1109) LAB STAFF
0301 M.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0401 M.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0501 M.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0601 Tu.....8:00am-10:00am (CSS 1109) LAB STAFF
0701 Tu.....10:30am-12:30pm (CSS 1109) LAB STAFF
0801 Tu.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0901 Tu.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
1001 Tu.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
1101 W.....8:00am-10:00am (CSS 1109) LAB STAFF
1201 W.....10:30am-12:30pm (CSS 1109) LAB STAFF
1301 W.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
1401 W.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
1501 W.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
1601 Th.....8:00am-10:00am (CSS 1109) LAB STAFF
1701 Th.....10:30am-12:30pm (CSS 1109) LAB STAFF
1801 Th.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
1901 Th.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
2001 Th.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
2101 F.....8:00am-10:00am (CSS 1109) LAB STAFF
2201 F.....10:30am-12:30pm (CSS 1109) LAB STAFF
2301 F.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
2401 F.....3:30pm- 5:30pm (CSS 1109) LAB STAFF

ASTR111 Observational Astronomy Laboratory; Grade Method: REG/P-F/AUD; Previous or concurrent enrollment in ASTR 100 is required. First meeting is in CSS 0201 during the first week of classes. 1 credit
0101 Tu.....7:30pm- 9:30pm (ALB 1101) LAB STAFF
0201 W.....7:30pm- 9:30pm (ALB 1101) LAB STAFF

ASTR200 Introductory Astronomy and Astrophysics; Grade Method: REG/P-F/AUD; For majors in science, mathematics, computing and engineering. Survey of astronomy. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 1113) Erickson, W

ASTR210 Practical Astronomy; Grade Method: REG/P-F/AUD; Credit according to work done. Prerequisite: ASTR 181 or 350. 2-3 credits
0101 TuTh.....12:30pm- 2:30pm (CSS 0201) Zipoy, D

ASTR288 (PermReq) Special Projects in Astronomy; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course. 1-3 credits

ASTR300 Stars and Stellar Systems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical science majors. Open to juniors and seniors only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 1113) Bell, R

ASTR330 Solar-System Astronomy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical science majors. Open to juniors and seniors only. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 1113) Kundu, M

ASTR340 Galaxies and the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical science majors. Open to juniors and seniors only. 3 credits
0101 MWF.....12:00pm-12:50pm (CSS 1113) STAFF

ASTR350 Astronomy and Astrophysics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For science majors. 4 credits
0101 TuTh.....9:30am-10:45am (CSS 0201) Eichler, D
W.....12:00pm-12:50pm (CSS 0201) DIS

ASTR380 Life in the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-science majors. Open only to juniors and seniors. 3 credits
0101 MWF.....11:00am-11:50am (CSS 1113) Matthews, T
0201 TuTh.....2:00pm- 3:15pm (CSS 1113) Matthews, T

ASTR399 (PermReq) Honors Seminar; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR400 Stellar Astrophysics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CSS 0201) Rose, W

ASTR410 Observational Astronomy I; Grade Method: REG/P-F/AUD; This is a lecture course on instruments and techniques. Taught by A. Wilson and W. Erickson. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 0201) Wilson, A

ASTR420 Introduction to Galactic Research; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CSS 1113) Trimble, V

ASTR450 Celestial Mechanics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....4:15pm- 5:30pm (CSS 0201) Seidelmann, P

ASTR498 (PermReq) Special Problems in Astronomy; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. This course is only open to those who make prior arrangements with a member of the astronomy faculty. 1-6 credits

ASTR600 Stellar Atmospheres; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (CSS 1113) Harrington, J

ASTR620 Galactic Research; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:45pm- 4:00pm (CSS 0201) Heckman, T

ASTR688A Special Topics in Modern Astronomy: Accreting Compact Objects; Grade Method: REG/AUD; Also taught by T. Kallman and D. Kazanas. 3 credits
0101 TuTh.....4:30pm- 5:45pm (CSS 1113) Mushotzky, R

ASTR691 Research Project; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ASTR699 (PermReq) Special Problems in Advanced Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR788 (PermReq) Selected Topics in Modern Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ASTR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

BCHM Biochemistry (Life Sciences)

BCHM261 Elements of Biochemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 1402) Sampugna, J

BCHM361 Origins of Biochemistry; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....3:00pm- 4:15pm (CHM 0115) Holmlund, C

BCHM461 Biochemistry I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1407) Hansen, J

BCHM462 Biochemistry II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1402) Holmlund, C

BCHM463 Biochemistry Laboratory I; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....1:00pm- 4:00pm (CHM 2225) LAB Sampugna, J
0102 TuTh.....1:00pm- 4:00pm (CHM 2225) LAB Sampugna, J

BCHM668 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Registrants in this course must have prior approval from Dr. Dunaway-Mariano. 2-4 credits

BCHM669 Special Topics in Biochemistry: Bioenergetics; Grade Method: REG/AUD; 2 credits
0101 MW.....11:00am-11:50am (CHM 0128) Brusilow, W

BCHM671 Protein Chemistry and Enzymic Catalysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHM 2201) Gerlt, J

BCHM672 Biological Membranes; Grade Method: REG/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 2201) Armstrong, R

BCHM699 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates. 1-6 credits

BCHM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

BCHM898A Seminar: Biochemistry; Grade Method: REG/AUD; 1 credit
0101 Tu.....11:00am-11:50am (CHM 0128) Hansen, J

BCHM898C Seminar: Lipid Metabolism; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Sampugna, J

BCHM898D Seminar: Current Topics in Steroids and Other Selected Natural Products; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Holmlund, C

BCHM898E Seminar: Xenobiotic Metabolism; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Armstrong, R

BCHM898F Seminar: Spores; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hansen, J

BCHM898G Seminar: Enzymology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Dunaway-Mariano

BCHM898I Seminar: Microbial Chemistry; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Brusilow, W

BCHM898J Seminar: Mechanisms of Biochemical Reactions; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Gerlt, J

BCHM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

BIOL Biology (Life Sciences)

BIOL101 Concepts of Biology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies non-lab science and mathematics requirement. If taken with BIOL 102, course may be counted as lab science requirement. 3 credits
0101 MWF.....12:00pm-12:50pm (HJP 0226) Motta, J

BIOL102 Laboratory in Biology; Grade Method: REG/P-F/AUD; 1 credit
1003 Tu.....9:00am-12:00pm (HJP 2104) LAB Motta, J
1004 Tu.....1:00pm- 4:00pm (HJP 2104) LAB Motta, J
1007 Th.....9:00am-12:00pm (HJP 2104) LAB Motta, J
1008 Th.....1:00pm- 4:00pm (HJP 2104) LAB Motta, J

BIOL398 (PermReq) Honors Research Problems in Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Contact L. Berg (1225 H.J.Patterson) to obtain section number. 1-3 credits

BIOL399 (PermReq) Honors Seminar in Biology; Grade Method: REG; 1 credit
0101 F.....11:00am-11:50am (HJP 1229) Berg, L

BIOM Biometrics (Agriculture)

BIOM401 Biostatistics I; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....12:30pm- 1:45pm (CHE 2110) STAFF
Tu.....3:00pm- 3:50pm (CHE 2136) DIS
0102 TuTh.....12:30pm- 1:45pm (CHE 2110) STAFF
Tu.....4:00pm- 4:50pm (CHE 2136) DIS
0103 TuTh.....12:30pm- 1:45pm (CHE 2110) STAFF
W.....12:00pm-12:50pm (CHM 0122) DIS

BIOM405 Computer Applications in Biometrics; Grade Method: REG/P-F/AUD; 1 credit
0101 Tu.....5:00pm- 7:00pm (ANS 1109) LAB Johnson, A

BIOM603 Biostatistics III; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (CHE 2136) STAFF

BIOM604 Linear Models Computer Laboratory; Grade Method: REG/AUD; 1 credit
0101 Th.....9:00am-11:00am (EGR 1124) LAB STAFF

BIOM688A (PermReq) Topics in Biometrics: Consulting Experience in Biometrics; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged Douglass, L

BIOM688B Topics in Biometrics: Applied Multivariate Statistics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHE 2116) Russek-Cohen, E

BMGT Business and Management (Business and Management)

BMGT110 Introduction to Business and Management; Grade Method: REG/P-F/AUD; Not open to business majors with 66 or more hours completed. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 0130) Simon, J

BMGT110L (PermReq) Introduction to Business and Management; Grade Method: REG/P-F; By permission of the Arts and Humanities Dean's office only. 3 credits
0101 TuTh.....9:30am-10:45am (TAA 1122) Nickels, W

BMGT220 Principles of Accounting I; Grade Method: REG; Prerequisite: sophomore standing. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
M.....8:00am- 9:00am (TYD 1118) DIS
0102 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
W.....8:00am- 9:00am (TYD 1118) DIS
0103 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
F.....8:00am- 9:00am (TYD 1118) DIS
0104 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
F.....9:00am-10:00am (TYD 1118) DIS
0105 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
F.....10:00am-11:00am (TYD 1118) DIS
0106 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
M.....8:00am- 9:00am (TYD 2102) DIS
0107 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
W.....8:00am- 9:00am (TYD 2102) DIS
0108 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
F.....8:00am- 9:00am (TYD 2102) DIS
0109 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
Tu.....8:00am- 9:00am (TYD 2102) DIS
0110 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
Th.....8:00am- 9:00am (TYD 2102) DIS
0111 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
F.....9:00am-10:00am (TYD 2102) DIS
0112 TuTh.....5:00pm- 6:15pm (TYD 0130) Quigley, H
F.....10:00am-11:00am (TYD 2102) DIS
0201 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
M.....8:00am- 9:00am (TYD 0102) DIS
0202 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
W.....8:00am- 9:00am (TYD 0102) DIS
0203 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
F.....8:00am- 9:00am (TYD 0102) DIS
0204 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
M.....1:00pm- 2:00pm (TYD 1101) DIS
0205 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
W.....1:00pm- 2:00pm (TYD 1101) DIS
0206 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
Tu.....8:00am- 9:00am (TYD 1140) DIS
0207 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
Th.....8:00am- 9:00am (TYD 1140) DIS
0208 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
Tu.....8:00am- 9:00am (TYD 1118) DIS
0209 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
Th.....8:00am- 9:00am (TYD 1118) DIS
0210 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
F.....2:00pm- 3:00pm (TYD 2109) DIS
0211 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
F.....2:00pm- 3:00pm (TYD 2110) DIS
0212 MW.....2:00pm- 3:15pm (TYD 0130) Harris, R
F.....3:00pm- 4:00pm (TYD 1140) DIS

BMGT221 Principles of Accounting II; Grade Method: REG; Prerequisite: BMGT 220. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits
0101 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
F.....12:00pm- 1:00pm (TYD 2102) DIS
0102 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
F.....1:00pm- 2:00pm (TYD 2102) DIS
0103 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
F.....2:00pm- 3:00pm (TYD 2102) DIS
0104 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
M.....8:00am- 9:00am (TYD 0117) DIS
0105 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
Tu.....8:00am- 9:00am (TYD 2110) DIS
0106 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
W.....8:00am- 9:00am (TYD 0117) DIS
0107 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
Th.....8:00am- 9:00am (TYD 2110) DIS
0108 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
F.....8:00am- 9:00am (TYD 0117) DIS
0109 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
M.....10:00am-11:00am (TYD 0117) DIS
0110 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
W.....10:00am-11:00am (TYD 0117) DIS
0111 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
F.....10:00am-11:00am (TYD 0117) DIS
0112 MW.....4:00pm- 5:15pm (ZOP 1240) Hardy, K
F.....1:00pm- 2:00pm (TYD 1101) DIS

BMGT230 Business Statistics; Grade Method: REG; Prerequisite: MATH 220 or consent of instructor. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. Only one of the following courses may be taken for credit: BMGT 230, 231, SOCY 202, PSYC 200, GEOG 305, ECON 421 or EDMS 451. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....4:00pm- 5:00pm (TYD 1140) DIS
0102 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
Tu.....4:00pm- 5:00pm (TYD 1140) DIS
0103 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
W.....4:00pm- 5:00pm (TYD 1140) DIS
0104 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
Th.....4:00pm- 5:00pm (TYD 1140) DIS
0105 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....8:00am- 9:00am (TYD 2108) DIS
0106 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....9:00am-10:00am (TYD 2108) DIS
0107 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
W.....8:00am- 9:00am (TYD 2108) DIS
0108 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
W.....9:00am-10:00am (TYD 2108) DIS
0109 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....8:00am- 9:00am (TYD 2108) DIS
0110 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....9:00am-10:00am (TYD 2108) DIS
0111 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....10:00am-11:00am (JRN 1104) DIS
0112 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....2:00pm- 2:50pm (TYD 2108) DIS

BMGT231 Statistical Models For Business; Grade Method: REG; Prerequisite: MATH 141 or consent of instructor. Only one of the following courses may be taken for credit: BMGT 230, 231, SOCY 202, PSYC 200, GEOG 305, ECON 421, or EDMS 451. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2110) Kotz, S

BMGT301 Introduction to Data Processing; Grade Method: REG; This is a restricted course for BMGT majors, 08380, and 0803H with 53 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....12:00pm-12:50pm (SHM 2102) Spear, R
F.....11:00am-11:50am (TYD 1118) DIS
0102 MW.....12:00pm-12:50pm (SHM 2102) Spear, R
F.....12:00pm-12:50pm (TYD 1118) DIS
0103 MW.....12:00pm-12:50pm (SHM 2102) Spear, R
F.....1:00pm- 1:50pm (TYD 1118) DIS
0104 MW.....12:00pm-12:50pm (SHM 2102) Spear, R
F.....2:00pm- 2:50pm (TYD 1118) DIS
0201 Tu.....3:00pm- 5:00pm (KEY 0106) Chaires Jr., J
Tu.....5:00pm- 5:50pm (TYD 2102) DIS
0202 Tu.....3:00pm- 5:00pm (KEY 0106) Chaires Jr., J
Tu.....6:00pm- 6:50pm (TYD 2102) DIS
0203 Tu.....3:00pm- 5:00pm (KEY 0106) Chaires Jr., J
Th.....5:00pm- 5:50pm (TYD 2102) DIS
0204 Tu.....3:00pm- 5:00pm (KEY 0106) Chaires Jr., J
Th.....6:00pm- 6:50pm (TYD 2102) DIS

BMGT302 Information Systems Implementation Techniques; Grade Method: REG; Prerequisite: BMGT 301 or permission of instructor. This is a restricted course for BMGT majors and 08380 majors with 68 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (TLF 0101) Wilkey, J
0201 TuTh.....11:00am-12:15pm (TYD 0111) Courtright, B

BMGT310 Intermediate Accounting I; Grade Method: REG; Prerequisite: BMGT 221. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is a restricted course for accounting majors with 53 semester hours completed. All others must have authorization. 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 2108) Huss, H
0201 TuTh.....9:30am-10:45am (TYD 2108) Huss, H
0301 MWF.....10:00am-10:50am (TYD 2108) Duvall, L
0401 MWF.....11:00am-11:50am (TYD 2108) Duvall, L
0501 Tu.....7:00pm- 9:40pm (TYD 0111) STAFF

BMGT311 Intermediate Accounting II; Grade Method: REG; Prerequisite: BMGT 310. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is restricted to accounting majors with 65 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (HZF 1101) Jang, J
0201 TuTh.....11:00am-12:15pm (HZF 1102) Jang, J
0301 M.....7:00pm- 9:40pm (TYD 1140) STAFF

BMGT321 Cost Accounting; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorizationse form. 3 credits
0101 TuTh.....9:30am-10:45am (HZF 1106) Schick, A
0201 TuTh.....11:00am-12:15pm (TYD 2108) Bedingfield, J
0301 TuTh.....12:30pm- 1:45pm (TYD 1108) Bedingfield, J
0401 TuTh.....2:00pm- 3:15pm (JRN 1105) Schick, A
0501 W.....7:00pm- 9:40pm (TYD 0117) Loeb, M

BMGT323 Income Tax Accounting; Grade Method: REG; 3 credits

Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours. All others must have authorization form.

0101 MW.....2:00pm- 3:15pm (TYD 1108) STAFF
0201 MW.....3:30pm- 4:45pm (TYD 1108) Pantalone Jr.,
0301 MWF.....12:00pm-12:50pm (TYD 0111) Harris, R
0401 MWF.....1:00pm- 1:50pm (TYD 0111) Harris, R

BMGT326 Accounting Systems; Grade Method: REG; Prerequisite: BMGT 221, 301 and 321. This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization form. — 3 credits

0101 MWF.....10:00am-10:50am (TYD 0111) Zieha, E
0201 MWF.....11:00am-11:50am (TYD 0111) Zieha, E

BMGT332 Operations Research For Management Decisions; Grade Method: REG; Not for Management Science-Statistics majors. Prerequisites: MATH 220, BMGT 230. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization form. — 3 credits

0101 MWF.....10:00am-10:50am (TYD 2109) Fromovitz, S
0201 MWF.....11:00am-11:50am (TYD 1140) Fromovitz, S
0301 MWF.....1:00pm- 1:50pm (TYD 2109) Fromovitz, S
0401 MWF.....2:00pm- 2:50pm (TYD 0102) Fromovitz, S
0501 TuTh.....2:00pm- 3:15pm (TYD 2108) Dahl, R

BMGT340 Business Finance; Grade Method: REG; Prerequisite: BMGT 221 and 230. This course is restricted to BMGT majors with 53 semester hours. All others must have authorization forms. — 3 credits

0101 MW.....1:00pm- 1:50pm (TYD 0130) Odle, C
F.....8:00am- 8:50am (KEY 0106) DIS
0102 MW.....1:00pm- 1:50pm (TYD 0130) Odle, C
F..... .9:00am- 9:50am (KEY 0106) DIS
0103 MW.....1:00pm- 1:50pm (TYD 0130) Odle, C
F.....10:00am-10:50am (KEY 0106) DIS
0104 MW.....1:00pm- 1:50pm (TYD 0130) Odle, C
F.....11:00am-11:50am (TYD 0130) DIS

BMGT343 Investments; Grade Method: REG; Prerequisite: BMGT 340. This course is restricted to BMGT majors with 68 semenster hours. All others must have authorization form. — 3 credits

0101 MW.....2:00pm- 3:15pm (ASY 3217) Chen, C
0201 MW.....3:30pm- 4:45pm (JRN 1105) Price, K
0301 TuTh.....12:30pm- 1:45pm (TYD 0111) Chen, S
0401 TuTh.....8:00am- 9:15am (TYD 1108) Bhaumik, A

BMGT350 Marketing Principles and Organization; Grade Method: REG; Prerequisite: ECON 203 or 205. This course is restricted to BMGT majors and students with major codes 0803C, 08380, 1303A, 1303B, 1303C, 1304A, 0602A, 0602F with 53 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
M.....9:00am- 9:50am (ZOP 1236) DIS
0102 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
F.....9:00am- 9:50am (ZOP 1236) DIS
0103 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
F.....9:00am- 9:50am (SKN 0124) DIS
0104 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
M.....10:00am-10:50am (ZOP 1232) DIS
0105 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
F.....10:00am-10:50am (ZOP 1236) DIS
0106 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
F.....10:00am-10:50am (TYD 1108) DIS
0107 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
M.....11:00am-11:50am (JRN 1105) DIS
0108 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
F.....11:00am-11:50am (TYD 2102) DIS
0109 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
F.....11:00am-11:50am (TYD 1108) DIS
0110 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
M.....12:00pm-12:50pm (JRN 1105) DIS
0111 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
F.....12:00pm-12:50pm (TYD 2109) DIS
0112 TuTh.....8:00am- 9:15am (TYD 0130) Nickels, W
F.....12:00pm-12:50pm (COL 0102) DIS

BMGT353 Retail Management; Grade Method: REG; Prerequisite: BMGT 220 and 350. This course is restricted to BMGT majors and major code 0803C with 68 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....9:30am-10:45am (TYD 1140) Swope, D
0201 W.....6:30pm- 9:20pm (TYD 2106) Swope, D

BMGT354 Promotion Management; Grade Method: REG; Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 0803C, 0602A, 0602F with 60 semester hours. All others must have authorization form. — 3 credits

0101 MWF.....10:00am-10:50am (TYD 1102) Chattalas, M
0201 MWF.....11:00am-11:50am (TYD 2109) Chattalas, M
0301 TuTh.....9:30am-10:45am (COL 3110) Stocker, P
0401 TuTh.....11:00am-12:15pm (WDS 1114) Durand, R
0501 TuTh.....12:30pm- 1:45pm (TYD 2108) Stocker, P

BMGT360 Personnel Management; Grade Method: REG; This course is open to all students with 53 semester hours completed. — 3 credits

0101 TuTh.....3:30pm- 4:45pm (TYD 0130) Olian, J

BMGT362 Labor Relations; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 0839A and 1307A with 60 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....8:00am- 9:15am (TYD 2111) Kovach, K
0201 TuTh.....9:30am-10:45am (ARC 1101) Kovach, K

BMGT364 Management and Organization Theory; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 1303A, 1303B, and 1303C with 53 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....11:00am-12:15pm (TYD 0130) Carroll Jr., S

BMGT370 Principles of Transportation; Grade Method: REG; Prerequisite: ECON 203 or 205. This course is open to all students with 53 semester hours completed. — 3 credits

0101 MWF.....1:00pm- 1:50pm (TYD 2106) Kling, J
0201 MWF.....2:00pm- 2:50pm (WDS 1114) Kling, J
0301 TuTh.....3:30pm- 4:45pm (LEF 2208) Smith, R

BMGT372 Traffic and Physical Distribution Management; Grade Method: REG; Not open for credit to students who have credit for BMGT 371. Open to BMGT majors only with 53 semester hours completed. — 3 credits

0101 TuTh.....11:00am-12:15pm (TYD 2109) Smith, R
0201 TuTh.....12:30pm- 1:45pm (TYD 2109) Poist, R

BMGT380 Business Law I; Grade Method: REG; This course is restricted to BMGT majors and major code 0803C, 01110 and 08380 with 53 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....9:30am-10:45am (TYD 0117) Dawson, T
0201 TuTh.....12:30pm- 1:45pm (TYD 0117) Dawson, T
0301 MW.....2:00pm- 3:15pm (TYD 0117) Beach, J
0401 MW.....3:30pm- 4:45pm (TYD 0117) Harman, J
0501 TuTh.....3:30pm- 4:45pm (TYD 2108) Leete, B

BMGT381 Business Law II; Grade Method: REG; Prerequisite: BMGT 380. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TYD 0117) Dawson, T

BMGT385 Production Management; Grade Method: REG; This course is restricted to BMGT majors and major code 0839A with 53 semester hours completed. All others must have authorizaton form. Prerequisite: BMGT 230. — 3 credits

0101 MW.....2:00pm- 3:15pm (TYD 2110) Assad, A
0201 MW.....3:30pm- 4:45pm (TYD 2110) Assad, A

BMGT386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT392 Introduction to International Business Management; Grade Method: REG; Open to Business majors with 60 credit hours completed. All others must have an authorization form. — 3 credits

0101 MWF.....1:00pm- 1:50pm (TYD 1140) Garbuny, S

BMGT398 (PermReq) Individual Study in Business and Management; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT402 Database and Data Communication Systems; Grade Method: REG; This course is restricted to BMGT majors with 75 semester hours. All others must have authorization form. Prerequisite BMGT 302. — 3 credits

0101 TuTh.....11:00am-12:15pm (TYD 1140) Ring, S
0201 TuTh.....12:30pm- 1:45pm (TYD 2102) Wilkey, J

BMGT403 Systems Analysis; Grade Method: REG; Restricted to BMGT majors with 85 semester hours completed. Prerequisite BMGT 402. — 3 credits

0101 W.....6:00pm- 8:40pm (TYD 2109) STAFF

BMGT404 Seminar in Decision Support Systems; Grade Method: REG; This course open to BMGT majors with 85 semester hours completed. Prerequisite BMGT 301. — 3 credits

0101 TuTh.....8:00am- 9:15am (TYD 2109) Ring, S

BMGT417 Advanced Tax Accounting; Grade Method: REG; Prerequisite: BMGT 311 and 323. This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TYD 0102) Pantalone Jr.,
0201 M.....7:00pm- 9:40pm (TYD 2106) Pantalone Jr.,

BMGT420 Undergraduate Accounting Seminar; Grade Method: REG; Restricted to accounting majors with 90 semester hours completed. — 3 credits

0101 MW.....2:00pm- 3:15pm (TYD 1132) Loeb, S

BMGT422 Auditing Theory and Practice; Grade Method: REG; Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (ZOP 1236) Pfeiffer, G
0201 TuTh.....2:00pm- 3:15pm (ZOP 1236) Pfeiffer, G
0301 Th.....7:00pm- 9:45pm (TYD 1140) Voss, J

BMGT424 Advanced Accounting; Grade Method: REG; Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits

0101 MWF.....8:00am- 8:50am (TYD 0111) Manchester, J
0201 MWF.....9:00am- 9:50am (TYD 0111) Manchester, J

BMGT427 Advanced Auditing Theory and Practice; Grade Method: REG; This course restricted to accounting majors with 75 semester hours completed. All others must have authorization form. — 3 credits

0101 Tu.....7:00pm- 9:40pm (TYD 2100) Fischetti, M

BMGT430 Linear Statistical Models in Business; Grade Method: REG; Prerequisite: BMGT 230. This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TYD 1140) Kotz, S
0201 TuTh.....3:30pm- 4:45pm (JRN 1105) Trivedi, M

BMGT431 Design of Statistical Experiments in Business; Grade Method: REG; Prerequisite: BMGT 230 or 231. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....5:30pm- 6:45pm (TYD 1140) Wun, L

BMGT434 Introduction to Optimization Theory; Grade Method: REG; Prerequisites: BMGT 230, MATH 220. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization form. — 3 credits

0101 MW.....2:00pm- 3:15pm (TYD 2108) Bodin, L
M.....12:00pm-12:50pm (TYD 2109) DIS

BMGT435 Introduction to Applied Probability Models; Grade Method: REG; Prerequisite: BMGT 231 or by permission of instructor. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization form. — 3 credits

0101 MW.....3:30pm- 4:45pm (TYD 2108) Bodin, L
W.....12:00pm-12:50pm (TYD 2109) DIS

BMGT440 Financial Management; Grade Method: REG; Prerequisite: BMGT 340. This course is restricted to BMGT majors with 84 semester hours. All others must have authorization form. — 3 credits

0101 MW.....2:00pm- 3:15pm (TYD 0111) Soubra, B
0201 MW.....3:30pm- 4:45pm (TYD 0111) Soubra, B
0301 Tu.....7:00pm- 9:40pm (TYD 1140) Embersit, J

BMGT443 Security Analysis and Valuation; Grade Method: REG; Prerequisite: BMGT 343. This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization form. — 3 credits

0101 MW.....2:00pm- 3:15pm (TYD 2109) Haslem, J
0201 MW.....3:30pm- 4:45pm (TYD 2109) Haslem, J
0301 TuTh.....3:30pm- 4:45pm (TYD 0111) Christofi, A

BMGT444 Futures Contracts and Options; Grade Method: REG; Prerequisite BMGT 343. This course is restricted to finance majors with 84 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (JMZ 2206) Chang, E
0201 TuTh.....8:00am- 9:15am (TYD 1132) Tosini, P

BMGT445 Commercial Bank Management; Grade Method: REG; Prerequisite: BMGT 340 and ECON 430. This course is restricted to finance majors with 84 hours completed. All others must have authorization form. — 3 credits

0101 Tu.....7:00pm- 9:40pm (TYD 0117) Wilson, B

BMGT450 Marketing Research Methods; Grade Method: REG; Prerequisites: BMGT 350 and BMGT 230. This course restricted to marketing majors with 72 semester hours completed. Recommended that BMGT 430 be taken prior to this course. All others must have authorization form. — 3 credits

0101 MWF.....10:00am-10:50am (ARC 1105) Calfee, J
0201 MWF.....9:00am- 9:50am (TYD 1108) Calfee, J
0301 TuTh.....9:30am-10:45am (TYD 1128) Smith, R
0401 TuTh.....11:00am-12:15pm (TYD 1108) Smith, R

BMGT451 Consumer Analysis; Grade Method: REG; Prerequisites: BMGT 350. Recommended: PSYC 100 and PSYC 221 be taken prior to this course. This course is restricted to BMGT majors and students with major codes 0602A and 0602F with 72 hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....9:30am-10:45am (TAA 1130) Tracy, K
0201 TuTh.....11:00am-12:15pm (TAA 1124) Tracy, K
0301 MW.....2:00pm- 3:15pm (TLF 0101) Stephens, D

BMGT453 Industrial Marketing; Grade Method: REG; Prerequisite: BMGT 350. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101 M.....7:00pm- 9:40pm (TYD 2109) Everett, R

BMGT454 International Marketing; Grade Method: REG; Prerequisite:BMGT 350. This course is restricted to BMGT majors with 72 semester hours completed. All others must have an authorization form. — 3 credits

0101 TuTh.....9:30am-10:45am (TYD 2109) Greer, T
0201 TuTh.....11:00am-12:15pm (TYD 1118) Greer, T

BMGT455 Sales Management; Grade Method: REG; Prerequisite: BMGT 350. This course is restricted to marketing majors and major code 0803C with 72 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TYD 2109) Jolson, M
0201 TuTh.....3:30pm- 4:45pm (TYD 2109) Jolson, M

BMGT456 Advertising; Grade Method: REG; Prerequisite: BMGT 354. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 0602A, and 0602F with 60 semester hours completed. All others must have authorization form. — 3 credits

0101 MWF.....12:00pm-12:50pm (TYD 1128) Poist, H
0201 MWF.....1:00pm- 1:50pm (TYD 2108) Poist, H

BMGT457 Marketing Policies and Strategies; Grade Method: REG; Prerequisite: 9 semester hours of marketing. This course is restricted to marketing majors with 100 semester hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....8:00am- 9:15am (TYD 0111) Biehal, G
0201 TuTh.....9:30am-10:45am (TYD 0111) Biehal, G
0301 MW.....3:30pm- 4:45pm (TYD 0102) Poist, H

BMGT460 Personnel Management: Analysis and Problems; Grade Method: REG; Prerequisite: BMGT 360. Recommended: BMGT 230. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101 MW.....4:30pm- 5:45pm (TYD 1118) Premack, S

BMGT462 Labor Legislation; Grade Method: REG; This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (HZF 1106) Giannantonio, C

BMGT464 Organizational Behavior; Grade Method: REG; Prerequisite: BMGT 364. This course is restricted to BMGT majors with 72 hours completed. All others must have authorization form. — 3 credits

0101 TuTh.....3:30pm- 4:45pm (WDS 1101) Giannantonio, C

BMGT470 Land Transportation Systems; Grade Method: REG/P-F/AUD; Prerequisite: BMGT 370. This course is open to all students with 72 semester hours completed. — 3 credits

0101 TuTh.....11:00am-12:15pm (TYD 2140) Taff, C

BMGT473 Advanced Transportation Problems; Grade Method: REG; Prerequisite: BMGT 370. This course is open to all students with 72 semester hours completed. — 3 credits

0101 Th.....3:30pm- 6:10pm (TYD 2140) Gardner, L

BMGT481 Public Utilities; Grade Method: REG; Prerequisite: ECON 203 or 205. This is a restricted course. Non-BMGT majors must have authorization form. — 3 credits

0101 MWF.....10:00am-10:50am (TYD 1140) Garbuny, S
0201 MWF.....12:00pm-12:50pm (TYD 0101) Garbuny, S

BMGT482 Business and Government; Grade Method: REG; Prerequisite: ECON203 or 205. This is a restricted course. Non-BMGT majors must have authorization form. — 3 credits

0101 TuTh.....3:30pm- 4:45pm (TYD 0102) McLaughlin, F

BMGT495 Business Policies; Grade Method: REG; Open only to graduating seniors in Business and Management. Prerequisites: BMGT 340, BMGT 350, BMGT 364. This is a restricted course for BMGT majors with 100 hours completed. All others must have authorization form. — 3 credits

0101 MWF.....9:00am- 9:50am (TYD 0102) Cummins, M
0201 MWF.....10:00am-10:50am (TYD 0102) Cummins, M
0301 MWF.....11:00am-11:50am (TYD 0102) Guthrie, J
0401 MWF.....12:00pm-12:50pm (TYD 1140) Guthrie, J
0501 MWF.....1:00pm- 1:50pm (TYD 0102) Ostrow, M
0601 TuTh.....8:00am- 9:15am (TYD 0102) Sapienza, H
0701 TuTh.....9:30am-10:45am (TYD 0102) Smith, K
0801 TuTh.....11:00am-12:15pm (TYD 0102) Smith, K
0901 TuTh.....12:30pm- 1:45pm (TYD 0102) Gannon, M

BMGT495A Business Policies; Grade Method: REG; This is a restricted course for BMGT majors with 96 hours completed. All others must have authorization form. BMGT 495A is designed to provide the study of policy decision making in a small business environment. The course involves case studies of actual management problems provided by the Small Business Administration. Members of the class, in teams, investigate and recommend solutions for real world problems to the owner/manager of the firm. — 3 credits

0101 Tu.....3:30pm- 6:10pm (TYD 2140) Sapienza, H

BMGT496 Business and Society; Grade Method: REG; This course is open to all students with 72 semester hours completed. — 3 credits

0101 MW.....2:00pm- 3:15pm (TYD 1114) Holcomb, J

BMGT498L (PermReq) Special Topics in Business and Management: Accounting, Budgeting, and Planning; Grade Method: REG; By permission of the Arts and Humanities Dean's office only. — 3 credits

0101 TuTh.....11:00am-12:15pm (ASY 3215) Fettus, S

BMGT498T Special Topics in Business and Management: Applied Computer Models in Transportation and Logistics; Grade Method: REG; This course restricted to BMGT majors with 60 credit hours completed. All others must have an authorization form. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TYD 2100) Grimm, C

BMGT498X (PermReq) Special Topics in Business and Management: Analytical Problem Solving; Grade Method: REG/P-F; By permission of the Arts and Humanities Dean's office only. — 3 credits

0101 Tu.....3:30pm- 5:30pm (TYD 2106) Jones, R
Th.....3:30pm- 4:30pm (TYD 2106)

BMGT610 (PermReq) Financial Accounting; Grade Method: REG/AUD; Restricted to grad business majors only. — 3 credits

0101 TuTh.....9:30am-10:45am (TYD 2102) Stark, A
0201 TuTh.....11:00am-12:15pm (TYD 2102) Friar, S
0301 TuTh.....3:30pm- 4:45pm (TYD 1118) Friar, S
0401 M.....7:00pm- 9:40pm (TYD 0102) Quigley, B
0501 W.....7:00pm- 9:40pm (TYD 2102) Palmer, C
0601 Th.....7:00pm- 9:40pm (TYD 0102) Stark, A

BMGT620 (PermReq) Management Information Systems; Grade Method: REG/AUD; Restricted to grad business majors. — 3 credits

0201 Th.....7:00pm- 9:40pm (TYD 1101) Ahad, R
0301 MW.....1:30pm- 2:45pm (TYD 2102) Hirsch, R
0401 MW.....12:00pm- 1:15pm (TYD 1118) Hirsch, R
0501 MW.....3:00pm- 4:15pm (TYD 2102) Ball, M

BMGT630 (PermReq) Managerial Statistics; Grade Method: REG/AUD; Restricted to grad business majors. — 3 credits

0101 MW.....10:30am-11:45am (TYD 1108) Paetzold, R
0201 MW.....12:00pm- 1:15pm (TYD 1108) Paetzold, R
0301 TuTh.....3:30pm- 4:45pm (TYD 2102) Alt, F

BMGT631 (PermReq) Operations Research and Management; Grade Method: REG/AUD; Restricted to grad business majors. — 3 credits

0101 M.....7:00pm- 9:40pm (TYD 0101) Gass, S
0201 W.....7:00pm- 9:40pm (TYD 0102) Ball, M
0301 Th.....7:00pm- 9:40pm (TYD 0101) Baker, E

BMGT640 (PermReq) Financial Management; Grade Method: REG/AUD; Restricted to grad business majors. — 3 credits

0101 M.....7:00pm- 9:40pm (TYD 1118) Bradford, W
0201 W.....7:00pm- 9:40pm (TYD 1118) Bradford, W
0301 Th.....7:00pm- 9:40pm (TYD 1118) Christofi, A

BMGT650 (PermReq) Marketing Management; Grade Method: REG/AUD; Restricted to grad business majors. — 3 credits

0101 TuTh.....9:30am-10:45am (TYD 1118) Krapfel Jr., R
0201 TuTh.....12:30pm- 1:45pm (TYD 1118) Krapfel Jr., R
0301 TuTh.....2:00pm- 3:15pm (TYD 2102) Stocker, P

BMGT660 (PermReq) Management and Organizational Behavior; Grade Method: REG/AUD; Restricted to grad business majors. — 3 credits

0401 M.....7:00pm- 9:45pm (TYD 2111) Bartol, K
0501 W.....7:00pm- 9:45pm (TYD 0101) Taylor, M
0601 Th.....7:00pm- 9:45pm (TYD 0117) Taylor, M

BMGT661 (PermReq) Human Resources Management; Grade Method: REG/AUD; Restricted to grad business majors. — 3 credits

0101 Th.....7:00pm- 9:40pm (JRN 1105) Feren, D

BMGT670 (PermReq) Economic Environment; Grade Method: REG/AUD; Restricted to grad business majors. — 3 credits

0101 MW.....9:00am-10:15am (TYD 2102) Scott, R
0201 MW.....10:30am-11:45am (TYD 2102) Scott, R
0301 TuTh.....2:00pm- 3:15pm (TYD 1108) Scheraga, C

BMGT672 (PermReq) Physical Distribution Management; Grade Method: REG/AUD; Restricted to grad business majors. — 3 credits

0101 TuTh.....9:30am-10:45am (TYD 1108) Poist, R

BMGT680 Business and Public Policy; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 MW.....10:30am-11:45am (TYD 1118) Holcomb, J
0201 TuTh.....2:00pm- 3:15pm (TYD 0111) Preston, L

BMGT710 Advanced Accounting Theory; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Th.....7:00pm- 9:40pm (TYD 2140) Gandhi, N

BMGT711 Advanced Managerial Accounting; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 M.....7:00pm- 9:40pm (TYD 2102) Gordon, L

BMGT713 The Impact of Taxation On Business Decisions; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 W.....7:00pm- 9:40pm (TYD 1108) Pantalone Jr.,

BMGT721 File Processing and Database Systems; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 MW.....12:00pm- 1:15pm (TYD 2102) Rachid, L
0201 Th.....7:00pm- 9:40pm (TYD 0111) Rachid, L

BMGT724 Economics of Information Systems; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 Tu.....7:00pm- 9:40pm (TYD 1108) Basu, A

BMGT725 Information Systems Analysis and Design; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 MW.....9:00am-10:15am (TYD 1118) Hevner, A

BMGT735 Application of Management Science; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 W.....4:00pm- 6:40pm (TYD 2140) Golden, B

BMGT742 Financial Planning and Strategy; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 MW.....3:00pm- 4:15pm (TYD 1118) Kolodny, R
0201 W.....7:00pm- 9:40pm (TYD 2108) Kolodny, R

BMGT743 Investment Management; Grade Method: REG/AUD; Prerequisite: BMGT 640. Restricted to grad business majors. 3 credits
(PermReq)
0101 Tu.....7:00pm- 9:40pm (TYD 1118) Eun, C

BMGT744 Futures Contracts and Options Management; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....2:00pm- 3:15pm (TYD 1118) Chang, E

BMGT745 Financial Institutions Management; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 MW.....1:30pm- 2:45pm (TYD 1118) Edmister, R
0201 M.....7:00pm- 9:40pm (TYD 1108) Edmister, R

BMGT746 International Financial Management; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....3:30pm- 4:45pm (TYD 1108) Eun, C

BMGT751 Marketing Communications Management; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 W.....7:00pm- 9:40pm (TYD 2140) Everett, R

BMGT754 Buyer Behavior Analysis; Grade Method: REG/AUD; Restricted to grad Business majors. 3 credits
(PermReq)
0101 M.....7:00pm- 9:40pm (TYD 2140) Stephens, D

BMGT761 Problems and Applications in Personnel Administration; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 MW.....12:00pm- 1:15pm (TYD 2140) Premack, S

BMGT763 Administration of Labor Relations; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 Tu.....6:00pm- 8:40pm (TYD 1136) Levine, M

BMGT766 Management Planning and Control Systems; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Th.....7:00pm- 9:40pm (TYD 1136) Power, D

BMGT770 Transportation Theory and Analysis; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 Tu.....7:00pm- 9:40pm (TYD 2140) Grimm, C

BMGT773 Transportation Strategies; Grade Method: REG/AUD; Restricted to grad business majors only. 3 credits
(PermReq)
0101 W.....7:00pm- 9:40pm (TYD 1136) Corsi, T

BMGT791 MBA Field Project; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Students may register only with written permission of course coordinator. 3 credits
(PermReq)

BMGT795 Management of the Multinational Firm; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Th.....7:00pm- 9:40pm (TYD 2108) Scheraga, C

BMGT798A Special Topics in Business and Management: Multivariate Analysis (Part 1); Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Tu.....7:00pm- 9:40pm (TYD 2108) Alt, F

BMGT798D Special Topics in Business and Management: Tele-Communications; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 M.....7:00pm- 9:40pm (TYD 2100) Pearce, A

BMGT798E Special Topics in Business and Management: Implementing Strategy; Grade Method: REG/AUD; Restricted to grad Business majors. 3 credits
(PermReq)
0101 Tu.....7:00pm- 9:40pm (TYD 2102) Gupta, A

BMGT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

BMGT808A Doctoral Seminar: Agency Theory and Accounting; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:10pm (TLF 2101) Loeb, M

BMGT823 Data Base Design; Grade Method: REG/AUD; Restricted to grad business majors. 3 credits
(PermReq)
0101 M.....7:00pm- 9:40pm (TYD 0111) Ahad, R

BMGT828 Independent Study in Business and Management; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Mary Anne Waikart, Masters Program Director. Ph.D. students may register only with written permission of Dr. Alt, Director of Graduate Studies. Restricted to grad business majors. 1-9 credits
(PermReq)

BMGT830 Operations Research: Linear Programming; Grade Method: REG/AUD; Prerequisite: MATH 240 or consent of instructor. 3 credits
(PermReq)
0101 M.....4:00pm- 6:30pm (TYD 2140) Gass, S

BMGT832 Operations Research: Optimization and Nonlinear Programming; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Th.....7:00pm- 9:40pm (TYD 2100) Hutzler, W

BMGT843 Seminar in Portfolio Theory; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 W.....10:00am-12:40pm (TYD 2100) Chen, S

BMGT862 Seminar in Compensation Administration; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 M.....3:30pm- 6:10pm (TYD 2100) Bartol, K

BMGT865 Seminar in Comparative Theories of Organization; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 Tu.....3:30pm- 6:10pm (KEY 0121) Gannon, M

BMGT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

BOTN Botany (Life Sciences)

BOTN100 General Botany For Non-Science Students; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
1001 TuTh.....11:00am-11:50am (HJP 0226) Berg, L
MF.....8:00am-10:00am (HJP 2103) LAB
1002 TuTh.....11:00am-11:50am (HJP 0226) Berg, L
MF.....10:00am-12:00pm (HJP 2103) LAB
1003 TuTh.....11:00am-11:50am (HJP 0226) Berg, L
MF.....12:00pm- 2:00pm (HJP 2103) LAB
1004 TuTh.....11:00am-11:50am (HJP 0226) Berg, L
MW.....2:00pm- 4:00pm (HJP 2103) LAB
1005 TuTh.....11:00am-11:50am (HJP 0226) Berg, L
MW.....4:00pm- 6:00pm (HJP 2103) LAB
1006 TuTh.....11:00am-11:50am (HJP 0226) Berg, L
TuTh.....8:00am-10:00am (HJP 2103) LAB
1007 TuTh.....11:00am-11:50am (HJP 0226) Berg, L
TuTh.....12:00pm- 2:00pm (HJP 2103) LAB
1008 TuTh.....11:00am-11:50am (HJP 0226) Berg, L
MW.....2:00pm- 4:00pm (HJP 1125) LAB
1009 TuTh.....11:00am-11:50am (HJP 0226) Berg, L
TuTh.....4:00pm- 6:00pm (HJP 2103) LAB
1010 TuTh.....11:00am-11:50am (HJP 0226) Berg, L
MW.....4:00pm- 6:00pm (HJP 3104) LAB
2001 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MF.....8:00am-10:00am (HJP 3127) LAB
2002 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MF.....10:00am-12:00pm (HJP 3127) LAB
2003 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MF.....12:00pm- 2:00pm (HJP 3127) LAB
2004 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MW.....2:00pm- 4:00pm (HJP 3127) LAB
2005 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
MW.....4:00pm- 6:00pm (HJP 3127) LAB
2006 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....8:00am-10:00am (HJP 3127) LAB
2007 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....12:00pm- 2:00pm (HJP 3127) LAB
2008 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....2:00pm- 4:00pm (HJP 3103) LAB
2009 TuTh.....10:00am-10:50am (HJP 0226) Van Valkenburg,
TuTh.....4:00pm- 6:00pm (HJP 3127) LAB
3001 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
MF.....10:00am-12:00pm (HJP 3104) LAB
3002 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
MF.....12:00pm- 2:00pm (HJP 1125) LAB
3003 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
MW.....2:00pm- 4:00pm (HJP 3104) LAB
3004 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
MF.....12:00pm- 2:00pm (HJP 3104) LAB
3005 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....10:00am-12:00pm (HJP 3104) LAB
3006 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....10:00am-12:00pm (HJP 2103) LAB
3007 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....12:00pm- 2:00pm (HJP 3104) LAB
3008 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....2:00pm- 4:00pm (HJP 3104) LAB
3009 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....4:00pm- 6:00pm (HJP 3104) LAB
3010 MW.....9:00am- 9:50am (HJP 0226) Higgins, E
TuTh.....8:00am-10:00am (HJP 3104) LAB
4002 MW.....12:00pm-12:50pm (HJP 2242) Koines, P
MF.....10:00am-12:00pm (HJP 1125) LAB
4003 MW.....12:00pm-12:50pm (HJP 2242) Koines, P
TuTh.....10:00am-12:00pm (HJP 3127) LAB
4006 MW.....12:00pm-12:50pm (HJP 2242) Koines, P
TuTh.....10:00am-12:00pm (HJP 1125) LAB
4007 MW.....12:00pm-12:50pm (HJP 2242) Koines, P
TuTh.....12:00pm- 2:00pm (HJP 1125) LAB

BOTN101 General Botany; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
8001 MWF.....10:00am-10:50am (HJP 0226) Berg, L
M.....12:00pm- 3:00pm (HJP 1105) LAB
8002 MWF.....10:00am-10:50am (HJP 0226) Berg, L
M.....3:00pm- 6:00pm (HJP 1105) LAB
8003 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Tu.....9:00am-12:00pm (HJP 1105) LAB
8004 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Tu.....12:00pm- 3:00pm (HJP 1105) LAB
8005 MWF.....10:00am-10:50am (HJP 0226) Berg, L
W.....11:00am- 2:00pm (HJP 1105) LAB
8006 MWF.....10:00am-10:50am (HJP 0226) Berg, L
W.....2:00pm- 5:00pm (HJP 1105) LAB
8007 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Th.....9:00am-12:00pm (HJP 1105) LAB
8008 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Th.....12:00pm- 3:00pm (HJP 1105) LAB

BOTN211 Ecology and Mankind; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MW.....3:00pm- 4:15pm (HJP 2242) Teramura, A

BOTN221 Introductory Plant Pathology; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....9:00am- 9:50am (HJP 0226) Collmer, A
TuTh.....10:00am-12:00pm (HJP 2230) LAB
0102 TuTh.....9:00am- 9:50am (HJP 0226) Collmer, A
TuTh.....12:00pm- 2:00pm (HJP 2230) LAB

BOTN379 Honors Research Problems in Botany; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN398 Seminar; Grade Method: REG/P-F/AUD; 1 credit
0101 W.....11:00am-11:50am (HJP 1229) STAFF

BOTN399 Research Problems in Botany; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN416 Plant Structure; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....10:00am-10:50am (HJP 1229) Cooke, T
WF.....12:00pm- 2:00pm (HJP 2226) LAB

BOTN441 Plant Physiology; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
M.....9:00am- 1:00pm (HJP 2226) LAB
0102 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
M.....1:00pm- 5:00pm (HJP 2226) LAB
0103 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
M.....6:00pm-10:00pm (HJP 2226) LAB
0104 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
Tu.....1:00pm- 5:00pm (HJP 2226) LAB
0105 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
Tu.....6:00pm-10:00pm (HJP 2226) LAB

BOTN456 Principles of Microscopy; Grade Method: REG; 2 credits
0101 TuTh.....8:00am- 8:50am (HJP 1229) Wolniak, S

BOTN484 Plant Biochemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (HJP 1229) Sze, H

BOTN620 Methods in Plant Tissue Culture; Grade Method: REG; 2 credits
(PermReq)
0101 W.....1:00pm- 1:50pm (HJP 1229) Bottino, P
W.....2:00pm- 4:00pm (HJP 3213) LAB
0102 W.....1:00pm- 1:50pm (HJP 1229) Bottino, P
Th.....2:00pm- 4:00pm (HJP 3213) LAB

BOTN645 Growth and Development; Grade Method: REG/AUD; 2 credits
0101 TuTh.....11:00am-11:50am (HJP 1229) Barnett, N

BOTN646 Plant Morphogenesis; Grade Method: REG; 2 credits
0101 TuTh.....12:00pm-12:50pm (HJP 1229) Cooke, T

BOTN698B Seminar in Botany: Pathology; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 4:50pm (HJP 1229) Corbett, M

BOTN698C Seminar in Botany: Physiology; Grade Method: REG/AUD; 1 credit
0101 F.....4:00pm- 4:50pm (HJP 1229) Sze, H

BOTN698D Seminar in Botany: Ecology; Grade Method: REG/AUD; 1 credit
0101 Th.....4:00pm- 4:50pm (HJP 1229) Forseth Jr., I

BOTN698E Seminar in Botany: Mycology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Motta, J

BOTN698J Seminar in Botany: Genetics; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Bottino, P

BOTN699A Special Problems in Botany: Cell Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699B Special Problems in Botany: Pathology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699C Special Problems in Botany: Physiology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699D Special Problems in Botany: Ecology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699E Special Problems in Botany: Mycology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699F Special Problems in Botany: Morphology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699G Special Problems in Botany: Phycology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699I Special Problems in Botany: Virology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699J Special Problems in Botany: Plant Cytogenetics; Grade Method: REG/AUD; 2 credits
0101 Th.....4:00pm- 6:00pm (HJP 2242) Bottino, P

BOTN699K Special Problems in Botany: Molecular Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN699N Special Problems in Botany: Plant Systematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

BOTN721 Clinical and Field Plant Pathology; Grade Method: REG/AUD; 1-2 credits
(PermReq)
0101 Time and room to be arranged Bean, G

BOTN799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

BOTN899 Doctoral Dissertation Research: Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

BSOS Behavioral and Social Sciences (Behavior & Social Sci)

BSOS200 Introduction to Applied Behavioral and Social Sciences; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3221) Segal, D
Tu.....11:00am-12:15pm (EDU 1203) LAB
0102 TuTh.....9:30am-10:45am (ASY 3221) Segal, D
Th.....11:00am-12:15pm (EDU 1203) LAB

CHEM Chemistry (Life Sciences)

CHEM001 Introduction to College Chemistry; Grade Method: REG/P-F/AUD; The notation 2 credits is used only for billing and full-time or part-time status. This course does not carry any credit toward any degree at the University. A special fee is required. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. 2 credits
1105 MW.....4:00pm- 4:50pm (CHM 1407) Walters, B
Th.....1:00pm- 1:50pm (ARM 0105) DIS
1107 MW.....4:00pm- 4:50pm (CHM 1407) Walters, B
Th.....2:00pm- 2:50pm (ARM 0105) DIS
1109 MW.....4:00pm- 4:50pm (CHM 1407) Walters, B
Th.....3:00pm- 3:50pm (ARM 0105) DIS

CHEM103 General Chemistry I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
3114 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
M.....12:00pm- 2:50pm (CHM 1105) LAB
Tu.....8:00am- 8:50am (HZF 1108) DIS
3115 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
M.....12:00pm- 2:50pm (CHM 1108) LAB
Tu.....8:00am- 8:50am (CHM 0128) DIS
3124 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
Tu.....12:00pm- 2:50pm (CHM 1105) LAB
Tu.....8:00am- 8:50am (CHE 2145) DIS
3125 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
Tu.....12:00pm- 2:50pm (CHM 1112) LAB
Tu.....8:00am- 8:50am (EGR 3111) DIS
3127 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
Tu.....3:00pm- 5:50pm (CHM 1105) LAB
Tu.....8:00am- 8:50am (CHE 2120) DIS
3128 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
Tu.....3:00pm- 5:50pm (CHM 1106) LAB
Tu.....8:00am- 8:50am (EGR 3102) DIS
3134 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
W.....12:00pm- 2:50pm (CHM 1105) LAB
Tu.....9:00am- 9:50am (HZF 1108) DIS
3135 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
W.....12:00pm- 2:50pm (CHM 1106) LAB
Tu.....9:00am- 9:50am (CHM 0128) DIS
3144 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
Th.....12:00pm- 2:50pm (CHM 1105) LAB
Tu.....9:00am- 9:50am (CHE 2145) DIS
3145 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
Th.....12:00pm- 2:50pm (CHM 1112) LAB
Tu.....9:00am- 9:50am (EGR 3111) DIS
3147 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
Th.....3:00pm- 5:50pm (CHM 1105) LAB
Tu.....9:00am- 9:50am (CHE 2120) DIS
3148 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
Th.....3:00pm- 5:50pm (CHM 1106) LAB
Tu.....9:00am- 9:50am (EGR 3102) DIS
3154 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
F.....12:00pm- 2:50pm (CHM 1109) LAB
Tu.....8:00am- 8:50am (ZOP 1228) DIS
3157 MWF.....8:00am- 8:50am (CHM 1407) Moore, J
F.....3:00pm- 5:50pm (CHM 1105) LAB
Tu.....9:00am- 9:50am (ZOP 1228) DIS
3214 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
M.....12:00pm- 2:50pm (CHM 1109) LAB
Th.....8:00am- 8:50am (HZF 1108) DIS
3215 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
M.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....8:00am- 8:50am (CHM 0128) DIS
3216 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
M.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....8:00am- 8:50am (EGR 3111) DIS
3217 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
M.....3:00pm- 5:50pm (CHM 1105) LAB
Th.....8:00am- 8:50am (CHE 2145) DIS
3224 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
Tu.....12:00pm- 2:50pm (CHM 1106) LAB
Th.....8:00am- 8:50am (CHE 2120) DIS
3227 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
Tu.....3:00pm- 5:50pm (CHM 1109) LAB
Th.....8:00am- 8:50am (EGR 3102) DIS
3234 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
W.....12:00pm- 2:50pm (CHM 1109) LAB
Th.....9:00am- 9:50am (CHE 2140) DIS
3235 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
W.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....9:00am- 9:50am (CHM 0128) DIS
3236 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
W.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (EGR 3111) DIS
3237 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
W.....3:00pm- 5:50pm (CHM 1105) LAB
Th.....9:00am- 9:50am (CHE 2145) DIS
3244 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
Th.....12:00pm- 2:50pm (CHM 1106) LAB
Th.....9:00am- 9:50am (CHE 2120) DIS
3247 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
Th.....3:00pm- 5:50pm (CHM 1109) LAB
Th.....9:00am- 9:50am (EGR 3102) DIS
3254 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
F.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....8:00am- 8:50am (CHE 2140) DIS
3255 MWF.....10:00am-10:50am (CHM 1407) Bellama, J

F.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....8:00am- 8:50am (COL 0100) DIS
3257 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
F.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (COL 0100) DIS
3258 MWF.....10:00am-10:50am (CHM 1407) Bellama, J
F.....3:00pm- 5:50pm (CHM 1106) LAB
Th.....9:00am- 9:50am (COL 0102) DIS
3314 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
M.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....10:00am-10:50am (CHE 2140) DIS
3324 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
Tu.....12:00pm- 2:50pm (CHM 1109) LAB
Tu.....10:00am-10:50am (CHE 2120) DIS
3327 MWF..... 11:00am-11:50am (CHM 1407) Freeman, D
Tu.....3:00pm- 5:50pm (CHM 1110) LAB
Tu.....10:00am-10:50am (EGR 3102) DIS
3328 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
Tu.....3:00pm- 5:50pm (CHM 1111) LAB
Tu.....10:00am-10:50am (HZF 1108) DIS
3329 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
Tu.....3:00pm- 5:50pm (CHM 1112) LAB
Tu.....10:00am-10:50am (EGR 3111) DIS
3334 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
W.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....11:00am-11:50am (ZOP 1124) DIS
3344 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
Th.....12:00pm- 2:50pm (CHM 1109) LAB
Tu.....11:00am-11:50am (CHE 2120) DIS
3347 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
Th.....3:00pm- 5:50pm (CHM 1110) LAB
Tu.....11:00am-11:50am (EGR 3102) DIS
3348 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
Th.....3:00pm- 5:50pm (CHM 1111) LAB
Tu.....11:00am-11:50am (JMZ 2120) DIS
3349 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
Th.....3:00pm- 5:50pm (CHM 1112) LAB
Tu.....11:00am-11:50am (ZOP 1234) DIS
3351 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
F.....8:00am-10:50am (CHM 1111) LAB
Tu.....10:00am-10:50am (CHE 2145) DIS
3352 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
F.....8:00am-10:50am (CHM 1110) LAB
Tu.....10:00am-10:50am (CHE 2116) DIS
3353 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
F.....8:00am-10:50am (CHM 1106) LAB
Tu.....10:00am-10:50am (EGR 1124) DIS
3354 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
F.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....11:00am-11:50am (CHE 2140) DIS
3355 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
F.....12:00pm- 2:50pm (CHM 1106) LAB
Tu.....11:00am-11:50am (EGR 1110) DIS
3357 MWF.....11:00am-11:50am (CHM 1407) Freeman, D
F.....3:00pm- 5:50pm (CHM 1110) LAB
Tu.....11:00am-11:50am (CHE 2116) DIS
3411 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
M.....8:00am-10:50am (CHM 1105) LAB
Th.....9:00am- 9:50am (JMZ 0125) DIS
3412 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
M.....8:00am-10:50am (CHM 1106) LAB
Th.....9:00am- 9:50am (CHE 2116) DIS
3413 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
M.....8:00am-10:50am (CHM 1112) LAB
Th.....9:00am- 9:50am (MTH B0431) DIS
3417 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
M.....3:00pm- 5:50pm (CHM 1106) LAB
Th.....9:00am- 9:50am (JUL 1105) DIS
3424 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
Tu.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....9:00am- 9:50am (JMZ 2120) DIS
3425 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
Tu.....12:00pm- 2:50pm (CHM 1111) LAB
Th.....9:00am- 9:50am (MTH B0429) DIS
3431 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
W.....8:00am-10:50am (CHM 1105) LAB
Th.....10:00am-10:50am (HZF 1108) DIS
3432 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
W.....8:00am-10:50am (CHM 1106) LAB
Th.....10:00am-10:50am (CHE 2120) DIS
3433 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
W.....8:00am-10:50am (CHM 1112) LAB
Th.....10:00am-10:50am (JUL 1105) DIS
3437 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
W.....3:00pm- 5:50pm (CHM 1106) LAB
Th.....10:00am-10:50am (EGR 3102) DIS
3444 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
Th.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....10:00am-10:50am (CHE 2116) DIS
3445 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
Th.....12:00pm- 2:50pm (CHM 1111) LAB
Th.....10:00am-10:50am (CHM 0128) DIS
3451 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H

F.....8:00am-10:50am (CHM 1109) LAB
Th.....9:00am- 9:50am (HZF 1108) DIS
3457 MWF.....12:00pm-12:50pm (CHM 1407) DeVoe, H
F.....3:00pm- 5:50pm (CHM 1109) LAB
Th.....10:00am-10:50am (MTH B0425) DIS
3511 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....8:00am-10:50am (CHM 1109) LAB
Tu.....2:00pm- 2:50pm (EGR 3111) DIS
3512 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....8:00am-10:50am (CHM 1110) LAB
Tu.....2:00pm- 2:50pm (CHM 0119) DIS
3517 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....3:00pm- 5:50pm (CHM 1109) LAB
Tu.....2:00pm- 2:50pm (ARM 0105) DIS
3521 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....8:00am-10:50am (CHM 1105) LAB
Tu.....2:00pm- 2:50pm (ARM 0120) DIS
3522 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Tu.....8:00am-10:50am (CHM 1106) LAB
Tu.....2:00pm- 2:50pm (EGR 0102) DIS
3523 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Tu.....8:00am-10:50am (CHM 1112) LAB
Tu.....2:00pm- 2:50pm (CHE 2120) DIS
3531 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
W.....8:00am-10:50am (CHM 1109) LAB
Tu.....3:00pm- 3:50pm (CHM 0119) DIS
3532 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
W.....8:00am-10:50am (CHM 1110) LAB
Tu.....3:00pm- 3:50pm (ARM 0121) DIS
3537 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
W.....3:00pm- 5:50pm (CHM 1109) LAB
Tu.....3:00pm- 3:50pm (ARM 0105) DIS
3541 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....8:00am-10:50am (CHM 1105) LAB
Tu.....3:00pm- 3:50pm (ARM 0120) DIS
3542 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....8:00am-10:50am (CHM 1106) LAB
Tu.....3:00pm- 3:50pm (EGR 0102) DIS
3543 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....8:00am-10:50am (CHM 1112) LAB
Tu.....3:00pm- 3:50pm (CHM 0124) DIS
3551 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
F.....8:00am-10:50am (CHM 1105) LAB
Tu.....2:00pm- 2:50pm (ARM 0118) DIS
3557 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
F.....3:00pm- 5:50pm (CHM 1111) LAB
Tu.....3:00pm- 3:50pm (ARM 0118) DIS
3611 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
M.....8:00am-10:50am (CHM 1111) LAB
Th.....2:00pm- 2:50pm (EGR 0102) DIS
3617 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
M.....3:00pm- 5:50pm (CHM 1110) LAB
Th.....2:00pm- 2:50pm (CHM 0124) DIS
3618 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
M.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....2:00pm- 2:50pm (ARM 0120) DIS
3619 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
M.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....2:00pm- 2:50pm (EGR 3111) DIS
3621 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
Tu.....8:00am-10:50am (CHM 1109) LAB
Th.....2:00pm- 2:50pm (ARM 0121) DIS
3622 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
Tu.....8:00am-10:50am (CHM 1110) LAB
Th.....2:00pm- 2:50pm (CHE 2120) DIS
3623 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
Tu.....8:00am-10:50am (CHM 1111) LAB
Th.....2:00pm- 2:50pm (ARM 0118) DIS
3631 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
W.....8:00am-10:50am (CHM 1111) LAB
Th.....3:00pm- 3:50pm (ARM 0118) DIS
3637 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
W.....3:00pm- 5:50pm (CHM 1110) LAB
Th.....3:00pm- 3:50pm (CHM 0124) DIS
3638 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
W.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....3:00pm- 3:50pm (ARM 0120) DIS
3639 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
W.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....3:00pm- 3:50pm (CHM 0119) DIS
3641 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
Th.....8:00am-10:50am (CHM 1109) LAB
Th.....3:00pm- 3:50pm (ARM 0121) DIS
3642 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
Th.....8:00am-10:50am (CHM 1110) LAB
Th.....3:00pm- 3:50pm (CHM 0122) DIS
3643 MWF.....2:00pm- 2:50pm (CHM 1407) Ondov, J
Th.....8:00am-10:50am (CHM 1111) LAB
Th.....3:00pm- 3:50pm (EGR 0102) DIS

CHEM104 Fundamentals of Organic and Biochemistry; 4 credits
Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;

5114 MWF.....9:00am- 9:50am (ARM 0126) STAFF
M.....12:00pm- 2:50pm (CHM 1215) LAB
Tu.....8:00am- 8:50am (EGR 1124) DIS
5117 MWF.....9:00am- 9:50am (ARM 0126) STAFF
M.....3:00pm- 5:50pm (CHM 1212) LAB
Tu.....8:00am- 8:50am (EGR 0135) DIS
5124 MWF.....9:00am- 9:50am (ARM 0126) STAFF
Tu.....12:00pm- 2:50pm (CHM 1212) LAB
Tu.....8:00am- 8:50am (CHE 2116) DIS
5134 MWF.....9:00am- 9:50am (ARM 0126) STAFF
W.....12:00pm- 2:50pm (CHM 1212) LAB
Tu.....9:00am- 9:50am (ARM 0105) DIS
5137 MWF.....9:00am- 9:50am (ARM 0126) STAFF
W.....3:00pm- 5:50pm (CHM 1212) LAB
Tu.....9:00am- 9:50am (CHE 2116) DIS
5141 MWF.....9:00am- 9:50am (ARM 0126) STAFF
Th.....8:00am-10:50am (CHM 1212) LAB
Tu.....8:00am- 8:50am (ARM 0105) DIS
5144 MWF.....9:00am- 9:50am (ARM 0126) STAFF
Th.....12:00pm- 2:50pm (CHM 1215) LAB
Tu.....9:00am- 9:50am (ZOP 1232) DIS
5147 MWF.....9:00am- 9:50am (ARM 0126) STAFF
Th.....3:00pm- 5:50pm (CHM 1215) LAB
Tu.....9:00am- 9:50am (ARM 0117) DIS

CHEM105 Principles of General Chemistry I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Registration restricted. High school chemistry plus S.A.T. math score above 660 required. 4 credits
0314 MWF.....10:00am-10:50am (CHM 1402) Miller, G
M.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (ARM 0119) DIS
0317 MWF.....10:00am-10:50am (CHM 1402) Miller, G
M.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (EGR 0135) DIS
0321 MWF.....10:00am-10:50am (CHM 1402) Miller, G
Tu.....8:00am-10:50am (CHM 1233) LAB
Th.....8:00am- 8:50am (ARM 0105) DIS
0324 MWF.....10:00am-10:50am (CHM 1402) Miller, G
Tu.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (ARM 0105) DIS
0327 MWF.....10:00am-10:50am (CHM 1402) Miller, G
Tu.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (PHY 4220) DIS
0334 MWF.....10:00am-10:50am (CHM 1402) Miller, G
W.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (ARM 0117) DIS

CHEM111 Chemistry in Modern Life; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
6114 TuTh.....2:00pm- 2:50pm (CHM 1402) Ponnamperuma, C
M.....12:00pm- 1:50pm (CHM 1228) LAB
6117 TuTh.....2:00pm- 2:50pm (CHM 1402) Ponnamperuma, C
M.....2:00pm- 3:50pm (CHM 1228) LAB
6124 TuTh.....2:00pm- 2:50pm (CHM 1402) Ponnamperuma, C
Tu.....12:00pm- 1:50pm (CHM 1228) LAB
6137 TuTh.....2:00pm- 2:50pm (CHM 1402) Ponnamperuma, C
W.....2:00pm- 3:50pm (CHM 1228) LAB

CHEM113 General Chemistry II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
4114 TuTh.....8:00am- 9:15am (CHM 1407) Walters, W
M.....12:00pm- 2:50pm (CHM 1122) LAB
M.....8:00am- 8:50am (CHM 0124) DIS
4117 TuTh.....8:00am- 9:15am (CHM 1407) Walters, W
M.....3:00pm- 5:50pm (CHM 1122) LAB
M.....8:00am- 8:50am (CHE 2145) DIS
4124 TuTh.....8:00am- 9:15am (CHM 1407) Walters, W
Tu.....12:00pm- 2:50pm (CHM 1122) LAB
M.....8:00am- 8:50am (CHE 2118) DIS
4134 TuTh.....8:00am- 9:15am (CHM 1407) Walters, W
W.....12:00pm- 2:50pm (CHM 1122) LAB
W.....8:00am- 8:50am (EGR 0108) DIS
4137 TuTh.....8:00am- 9:15am (CHM 1407) Walters, W
W.....3:00pm- 5:50pm (CHM 1122) LAB
M.....8:00am- 8:50am (CHM 0128) DIS
4144 TuTh.....8:00am- 9:15am (CHM 1407) Walters, W
Th.....12:00pm- 2:50pm (CHM 1122) LAB
W.....8:00am- 8:50am (CHM 0122) DIS
4151 TuTh.....8:00am- 9:15am (CHM 1407) Walters, W
F.....8:00am-10:50am (CHM 1122) LAB
W.....8:00am- 8:50am (CHM 0124) DIS
4152 TuTh.....8:00am- 9:15am (CHM 1407) Walters, W
F.....8:00am-10:50am (CHM 1119) LAB
W.....8:00am- 8:50am (CHE 2118) DIS
4214 TuTh.....11:00am-12:15pm (CHM 1407) Helz, G
M.....12:00pm- 2:50pm (CHM 1128) LAB
M.....8:00am- 8:50am (HBK 1108) DIS

4217 TuTh.....11:00am-12:15pm (CHM 1407) Helz, G
M.....3:00pm- 5:50pm (CHM 1119) LAB
M.....8:00am- 8:50am (ARM 0121) DIS
4227 TuTh.....11:00am-12:15pm (CHM 1407) Helz, G
Tu.....3:00pm- 5:50pm (CHM 1122) LAB
M.....8:00am- 8:50am (ARM 0119) DIS
4234 TuTh.....11:00am-12:15pm (CHM 1407) Helz, G
W.....12:00pm- 2:50pm (CHM 1128) LAB
W.....8:00am- 8:50am (EGR 3111) DIS
4235 TuTh.....11:00am-12:15pm (CHM 1407) Helz, G
W.....12:00pm- 2:50pm (CHM 1119) LAB
W.....8:00am- 8:50am (EGR 3102) DIS
4237 TuTh.....11:00am-12:15pm (CHM 1407) Helz, G
W.....3:00pm- 5:50pm (CHM 1119) LAB
M.....8:00am- 8:50am (CHE 2116) DIS
4247 TuTh.....11:00am-12:15pm (CHM 1407) Helz, G
Th.....3:00pm- 5:50pm (CHM 1122) LAB
W.....8:00am- 8:50am (ARM 0121) DIS
4251 TuTh.....11:00am-12:15pm (CHM 1407) Helz, G
F.....8:00am-10:50am (CHM 1128) LAB
W.....8:00am- 8:50am (ARM 0119) DIS
4311 TuTh.....12:30pm- 1:45pm (CHM 1407) Huheey, J
M.....8:00am-10:50am (CHM 1122) LAB
M.....3:00pm- 3:50pm (ARM 0118) DIS
4321 TuTh.....12:30pm- 1:45pm (CHM 1407) Huheey, J
Tu.....8:00am-10:50am (CHM 1122) LAB
M.....3:00pm- 3:50pm (EGR 3111) DIS
4327 TuTh.....12:30pm- 1:45pm (CHM 1407) Huheey, J
Tu.....3:00pm- 5:50pm (CHM 1128) LAB
M.....3:00pm- 3:50pm (CHM 0128) DIS
4328 TuTh.....12:30pm- 1:45pm (CHM 1407) Huheey, J
Tu.....3:00pm- 5:50pm (CHM 1208) LAB
M.....3:00pm- 3:50pm (CHE 2116) DIS
4331 TuTh.....12:30pm- 1:45pm (CHM 1407) Huheey, J
W.....8:00am-10:50am (CHM 1122) LAB
W.....3:00pm- 3:50pm (ARM 0118) DIS
4341 TuTh.....12:30pm- 1:45pm (CHM 1407) Huheey, J
Th.....8:00am-10:50am (CHM 1122) LAB
W.....3:00pm- 3:50pm (EGR 3111) DIS
4347 TuTh.....12:30pm- 1:45pm (CHM 1407) Huheey, J
Th.....3:00pm- 5:50pm (CHM 1128) LAB
W.....3:00pm- 3:50pm (CHM 0128) DIS
4348 TuTh.....12:30pm- 1:45pm (CHM 1407) Huheey, J
Th.....3:00pm- 5:50pm (CHM 1208) LAB
W.....3:00pm- 3:50pm (CHE 2116) DIS

CHEM233 Organic Chemistry I; Grade Method: REG/P-F/AUD; 4 credits
7114 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
M.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHM 2201) DIS
7115 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
M.....12:00pm- 2:50pm (CHM 1224) LAB
Tu.....12:00pm-12:50pm (CHE 2120) DIS
7117 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
M.....3:00pm- 5:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (EGR 3102) DIS
7118 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
M.....3:00pm- 5:50pm (CHM 1227) LAB
Tu.....12:00pm-12:50pm (ARM 0105) DIS
7121 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
Tu.....8:00am-10:50am (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHE 2145) DIS
7122 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
Tu.....8:00am-10:50am (CHM 1224) LAB
Tu.....12:00pm-12:50pm (CHE 2116) DIS
7123 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
Tu.....8:00am-10:50am (CHM 1227) LAB
Tu.....12:00pm-12:50pm (JMZ 0125) DIS
7134 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
W.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (EGR 3110) DIS
7135 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
W.....12:00pm- 2:50pm (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (JMZ 0122) DIS
7137 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
W.....3:00pm- 5:50pm (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (EGR 2154) DIS
7138 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
W.....3:00pm- 5:50pm (CHM 1224) LAB
Tu.....1:00pm- 1:50pm (ARM 0105) DIS
7141 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
Th.....8:00am-10:50am (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (CHE 2145) DIS
7142 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
Th.....8:00am-10:50am (CHM 1224) LAB
Tu.....1:00pm- 1:50pm (ZOP 1124) DIS
7143 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
Th.....8:00am-10:50am (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (HJP 1229) DIS
7144 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
Th.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHE 2140) DIS
7145 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
Th.....12:00pm- 2:50pm (CHM 1227) LAB
Tu.....12:00pm-12:50pm (EGR 2112) DIS
7147 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
Th.....3:00pm- 5:50pm (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (CHM 0128) DIS
7148 MWF.....9:00am- 9:50am (CHM 1407) Henery-Logan, K
Th.....3:00pm- 5:50pm (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (MTH B0427) DIS
7214 MWF.....9:00am- 9:50am (CHM 1402) Kozarich, J
M.....12:00pm- 2:50pm (CHM 1227) LAB
Tu.....12:00pm-12:50pm (EGR 1110) DIS
7217 MWF.....9:00am- 9:50am (CHM 1402) Kozarich, J
M.....3:00pm- 5:50pm (CHM 1224) LAB
Tu.....12:00pm-12:50pm (SYM 1308) DIS
7234 MWF.....9:00am- 9:50am (CHM 1402) Kozarich, J
W.....12:00pm- 2:50pm (CHM 1224) LAB
Tu.....1:00pm- 1:50pm (CHE 2120) DIS
7237 MWF.....9:00am- 9:50am (CHM 1402) Kozarich, J
W.....3:00pm- 5:50pm (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (ZOP 1232) DIS
7244 MWF.....9:00am- 9:50am (CHM 1402) Kozarich, J
Th.....12:00pm- 2:50pm (CHM 1224) LAB
Tu.....12:00pm-12:50pm (ZOP 1228) DIS
7247 MWF.....9:00am- 9:50am (CHM 1402) Kozarich, J
Th.....3:00pm- 5:50pm (CHM 1224) LAB
Th.....1:00pm- 1:50pm (ZOP 1228) DIS

CHEM235 Principles of Organic Chemistry I; Grade Method: REG/P-F/AUD; This course is a more rigorous "upper track" version of CHEM 233. Limited enrollment. Preference given to those with grades of A or B in CHEM 115 or A in CHEM 113 or consent of instructor. 4 credits
0741 MWF.....9:00am- 9:50am (CHM 0128) Mariano, P
Th.....8:00am-10:50am (CHM 1233) LAB
Tu.....12:00pm-12:50pm (CHM 0128) DIS
0747 MWF.....9:00am- 9:50am (CHM 0128) Mariano, P
Th.....3:00pm- 5:50pm (CHM 1233) LAB
Tu.....1:00pm- 1:50pm (CHE 2116) DIS

CHEM243 Organic Chemistry II; Grade Method: REG/P-F/AUD; 4 credits
8114 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
M.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHE 2140) DIS
8121 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Tu.....8:00am-10:50am (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHE 2120) DIS
8124 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Tu.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....12:00pm-12:50pm (EGR 3102) DIS
8131 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
W.....8:00am-10:50am (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHE 2116) DIS
8134 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
W.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....1:00pm- 1:50pm (CHM 0128) DIS
8141 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Th.....8:00am-10:50am (CHM 1221) LAB
Th.....1:00pm- 1:50pm (CHE 2120) DIS
8147 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Th.....3:00pm- 5:50pm (CHM 1221) LAB
Th.....1:00pm- 1:50pm (EGR 3102) DIS
8151 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
F.....8:00am-10:50am (CHM 1221) LAB
Th.....1:00pm- 1:50pm (CHM 2201) DIS

CHEM287 Computer Programming for the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD; 4 credits
0111 MWF.....3:00pm- 3:50pm (CHM 1402) Munn, R
M.....12:00pm- 3:00pm (Arranged) LAB
0121 MWF.....3:00pm- 3:50pm (CHM 1402) Munn, R
Tu.....12:00pm- 3:00pm (Arranged) LAB
0131 MWF.....3:00pm- 3:50pm (CHM 1402) Munn, R
W.....12:00pm- 3:00pm (Arranged) LAB
0141 MWF.....3:00pm- 3:50pm (CHM 1402) Munn, R
Th.....12:00pm- 3:00pm (Arranged) LAB

CHEM321 Quantitative Analysis; Grade Method: REG/P-F/AUD; 4 credits
0111 MW.....12:00pm-12:50pm (CHM 1402) Kasler, F
MW.....8:00am-11:00am (CHM 3226) LAB
0114 MW.....12:00pm-12:50pm (CHM 1402) Kasler, F
MW.....1:00pm- 4:00pm (CHM 3226) LAB
0121 MW.....12:00pm-12:50pm (CHM 1402) Kasler, F
TuTh.....12:00pm- 3:00pm (CHM 3226) LAB

CHEM398 (PermReq) Special Projects; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Prior consent of the department required. Consult with Dr. Freeman. 2 credits

CHEM399 (PermReq) Introduction to Chemical Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Freeman. 1-2 credits

CHEM401 Inorganic Chemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CHM 0119) Grim, S

CHEM403 Radiochemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (CHM 0128) Mignerey, A

CHEM433 Chemical Synthesis; Grade Method: REG/P-F/AUD; Students must have at least two three-hour blocks of time available during laboratory. Open hours of 1-4:30 Tuesday and Wednesday and 9-12 and 1-4:30 Thursday. 3 credits
0101 Tu.....11:00am-11:50am (CHM 2201) Henery-Logan, K
TBA (CHM 2122) LAB

CHEM474 Environmental Chemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (CHM 0128) Gordon, G

CHEM481 Physical Chemistry I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (CHM 0115) Stewart, J
0201 MWF.....9:00am- 9:50am (CHM 0115) Castellan, G
0301 MWF.....10:00am-10:50am (CHM 0115) Murphy, T

CHEM482 Physical Chemistry II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CHM 1402) Thirumali, D

CHEM483 Physical Chemistry Laboratory I; Grade Method: REG/P-F/AUD; 2 credits
0114 M.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
M.....1:00pm- 1:50pm (CHM 1402) DIS
0124 Tu.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
Tu.....1:00pm- 1:50pm (CHM 1402) DIS
0134 W.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
W.....1:00pm- 1:50pm (CHM 2201) DIS
0144 Th.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
Th.....1:00pm- 1:50pm (CHM 1402) DIS

CHEM484 Physical Chemistry Laboratory II; Grade Method: REG/P-F/AUD; 2 credits
0124 Tu.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
Tu.....1:00pm- 1:50pm (CHM 2201) DIS
0134 W.....2:00pm- 5:00pm (Arranged) LAB Khanna, R
W.....1:00pm- 1:50pm (CHM 2201) DIS

CHEM487 Computer Applications in the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD; One three-hour laboratory period will be arranged. 4 credits
0117 MWF.....11:00am-11:50am (CHM 0115) Murphy, T
Time and room to be arranged LAB
0137 MWF.....11:00am-11:50am (CHM 0115) Murphy, T
Time and room to be arranged LAB

CHEM498B Special Topics in Chemistry: The Periodic Table D and F Block Elements; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0124) Boyd Jr., A

CHEM498S Special Topics in Chemistry: Spectroscopy and Structure; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 0124) STAFF

CHEM601 Advanced Inorganic Chemistry I; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CHM 2201) Poli, R

CHEM608 Selected Topics in Inorganic Chemistry: Spectroscopy and Structure; Grade Method: REG/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 0124) STAFF

CHEM623 Optical Methods of Quantitative Analysis; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (CHM 2201) O'Haver, T

CHEM641 Organic Reaction Mechanisms; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CHM 2201) Deshong, P

CHEM848B Special Topics in Organic Chemistry: Problems in Organic Reaction Mechanisms; Grade Method: REG/AUD; — 1-3 credits
0101 F.....12:00pm-12:50pm (CHM 2201) — Mariano, P

CHEM684 Chemical Thermodynamics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (CHM 2201) — Greer, S

CHEM686 Chemical Crystallography; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (CHM 0124) — Ammon, H

CHEM688 Selected Topics in Physical Chemistry: Catalysis; Grade Method: REG/AUD; Some background in physical chemistry (especially kinetics) is necessary in order to take this course. — 2 credits
0101 W.....5:30pm- 7:10pm (CHE 2120) — Spencer, N

CHEM690 Quantum Chemistry I; Grade Method: REG/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (CHM 0124) — Tossell, J

CHEM699 Special Problems in Chemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates. — 1-6 credits

CHEM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHEM898A Seminar: Analytical, Nuclear and Environmental; Grade Method: REG/AUD; — 1 credit
0101 F.....3:00pm- 3:50pm (CHM 0128) — Kasler, F

CHEM898C Seminar: Inorganic; Grade Method: REG/AUD; — 1 credit
0101 Tu.....4:00pm- 6:00pm (Arranged) — Tossell, J

CHEM898D Seminar: Organic; Grade Method: REG/AUD; — 1 credit
0101 Tu.....4:00pm- 6:00pm (CHM 0124) — Mariano, P

CHEM898E Seminar: Physical Chemistry; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 6:00pm (CHM 0124) — McIlrath, T

CHEM898F Seminar: Chemical Physics; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 6:00pm (CHM 0124) — McIlrath, T

CHEM898G Seminar: Polymers; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Bailey, W

CHEM898J Seminar: Natural Products; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Jarvis, B

CHEM898K Seminar: Photochemistry Mechanistics; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Mariano, P

CHEM898L Seminar: Photochemistry; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Mazzocchi, P

CHEM898N Seminar: Phosphorus Chemistry; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Grim, S

CHEM898O Seminar: Natural Water; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Helz, G

CHEM898P Seminar: Chemical Evolution; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 4:50pm (Arranged) — Ponnamperuma, C

CHEM898Q Seminar: Bioorganic Mechanisms; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Kozarich, J

CHEM898R Seminar: Environmental Inorganic Chemistry; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Bellama, J

CHEM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CHIN Chinese (Arts and Humanities)

CHIN101 Intensive Elementary Chinese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 6 credits
0101 MWF.....10:00am-10:50am (COL 3112) — Chin, T
MWF.....9:00am- 9:50am (COL 3112) DIS
0102 MWF.....10:00am-10:50am (COL 3112) — Chin, T
MWF.....9:00am- 9:50am (COL 0104) DIS
0201 MWF.....2:00pm- 2:50pm (COL 3111) — Shen, H
MWF.....1:00pm- 1:50pm (COL 3111) DIS
0202 MWF.....2:00pm- 2:50pm (COL 3111) — Shen, H
MWF.....1:00pm- 1:50pm (COL 3110) DIS

CHIN201 Intermediate Spoken Chinese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1109) — Sargent, S

CHIN202 Intermediate Written Chinese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2206) — Hong, J

CHIN301 Advanced Chinese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1124) — Yee, A

CHIN303 Business Chinese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2117) — Shen, H

CHIN315 Modern Chinese Literature in Translation; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1122) — Yee, A

CHIN401 Readings in Modern Chinese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1123) — Sargent, S

CHIN403 Classical Chinese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1123) — Sargent, S

CHIN421 Sounds and Transcriptions of Mandarin Chinese; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....3:00pm- 5:30pm (JMZ 1123) — Chin, T

CHIN499 (PermReq) Directed Study in Chinese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

---

CHPH Chemical Physics (Comp, Math, & Phys Sci)

CHPH618A (PermReq) Special Projects in Chemical Physics: Atomic and Molecular Physics; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — STAFF

CHPH709A Seminar in Chemical Physics: Physical Chemistry; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 6:00pm (CHM 0124) — McIlrath, T

CHPH709B Seminar in Chemical Physics: Statistical Physics Seminar; Grade Method: REG/AUD; — 1 credit
0101 Tu.....12:00pm-12:50pm (Arranged) — Sengers, J

CHPH718D Special Topics in Chemical Physics: Catalysis; Grade Method: REG/AUD; Some background in physical chemistry (especially kinetics) is necessary on order to take this course. — 2 credits
0101 W.....5:30pm- 7:10pm (CHE 2120) — Spencer, N

CHPH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHPH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

CJUS Institute of Criminal Justice and Criminology (Behavior & Social Sci)

CJUS100 Introduction to Law Enforcement; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 2205) — Miller, S
0201 MWF.....10:00am-10:50am (ARM 0131) — Brooks, L
0301 MWF.....2:00pm- 2:50pm (LEF 2205) — STAFF
0401 TuTh.....2:00pm- 3:15pm (HJP 2242) — Katzenelson, S
0501 TuTh.....11:00am-12:15pm (JMZ 0220) — Miller, S

CJUS220 Investigation in Law Enforcement; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (ARM 0126) — Wolman, B

CJUS230 Criminal Law in Action; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 0220) — Ingraham, B
0201 TuTh.....2:00pm- 3:15pm (TYD 1102) — Verchot, J

CJUS234 Criminal Procedure and Evidence; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 230. — 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0135) — Wolman, B

CJUS300 Criminological and Criminal Justice Research Methods; Grade Method: REG; Prerequisites: CJUS 100, CRIM 220, and one of the following: SOCY 201, PSYC 200, ECON 421, EDMS 451 OR GVPT 422. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TYD 1102) — Brooks, L
0201 TuTh.....2:00pm- 3:15pm (TYD 1101) — Brooks, L

CJUS300A (PermReq) Criminological and Criminal Justice Research Methods; Grade Method: REG; Prerequisite: CJUS 100, CRIM 220, and one of the following: SOCY 201, PSYC 200, ECON 451 or GVPT 422. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 0221) — Loftin, C

CJUS320 Introduction to Criminalistics; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....6:00pm- 7:15pm (LEF 2205) — Mauriello, T
TuTh.....6:00pm- 7:15pm (LEF 0208) LAB
0201 TuTh.....7:30pm- 8:45pm (LEF 2205) — Mauriello, T
TuTh.....7:30pm- 8:45pm (LEF 0208) LAB

CJUS340 Concepts of Law Enforcement Administration; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 100 or equivalent. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (SHM 2102) — Uchida, C

CJUS350 Law Enforcement-Community Relations; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 100 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (COL 3109) — Verchot, J

CJUS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1986; have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CJUS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1986, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CJUS388H (PermReq) Independent Reading in Law Enforcement: Independent Reading Course in Criminal Justice; Grade Method: REG; For honor students only. — 3 credits
0101 W.....3:00pm- 4:30pm (LEF 2220R) — Wellford, C
Time and room to be arranged DIS
0501 W.....3:00pm- 4:30pm (LEF 2220R) — Ingraham, B
Time and room to be arranged DIS

CJUS389H (PermReq) Independent Research in Law Enforcement; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. For Honors students only. — 3 credits

CJUS398 (PermReq) Law Enforcement Field Training; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: junior standing, majors only. — 1-3 credits

CJUS399 (PermReq) Directed Independent Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, majors only. — 1-3 credits

CJUS400 Criminal Courts; Grade Method: REG; Prerequisite: CJUS 100 or consent of instructor. — 3 credits
0101 MWF.....11:00am-11:50am (TLF 0124) — Ingraham, B

CJUS462 Special Problems in Security Administration; Grade Method: REG; Prerequisite: CJUS 360 and consent of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1101) — STAFF

CJUS498A Selected Topics in Criminal Justice: Re-Inventing the Police.; Grade Method: REG/P-F/AUD; — 1-3 credits
0101 Tu.....4:00pm- 7:00pm (LEF 1222) — Sherman, L

CJUS498C (PermReq) Selected Topics in Criminal Justice: Police and Campus Interaction; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 2111) — Wellford, C

CJUS498D Selected Topics in Criminal Justice: Fundamental for Criminological Research; Grade Method: REG; — 3 credits
0101 M.....4:00pm- 6:45pm (LEF 1220) — Smith, D

CJUS600 Criminal Justice; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 1222) — Paternoster, R

CJUS640 Seminar in Criminal Justice Administration; Grade Method: REG; Prerequisite: one course in the theory of groups or organizations, one course in administration. — 3 credits
0101 Tu.....4:00pm- 6:45pm (LEF 1221) — Uchida, C

CJUS699 (PermReq) Special Problems in Criminal Justice; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CJUS699A Special Problems in Criminal Justice: Re-Inventing the Police.; Grade Method: REG/AUD; — 1-3 credits
0101 Tu.....4:00pm- 7:00pm (LEF 1222) — Sherman, L

CJUS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

---

CLAS Classics (Arts and Humanities)

The Classics department has adopted a new four-letter prefix (CLAS) which will serve to mark off in-translation courses from the courses in the Greek and Latin languages. Students who have previously taken one or more of these courses as a GREK or LATN course will not receive credit for taking them again as a CLAS course. CLAS courses do not count toward a major in Latin or a concentration in Greek.

CLAS170 Greek and Roman Mythology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Taught in English. — 3 credits
0101 TuTh.....9:30am-10:45am (SHM 2102) — STAFF
0201 MWF.....9:00am- 9:50am (SHM 2102) — Doherty, L
0301 MWF.....11:00am-11:50am (SHM 2102) — STAFF

CLAS280 English Word Building From Latin and Greek; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 0105) — Hallett, J

CLAS370 Greek Literature in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (HJP 2242) — Stehle, E

CLAS374 Greek Tragedy in Translation; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (HZF 1102) — Doherty, L

CLAS470 Advanced Greek and Roman Mythology; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: CLAS 170. — 3 credits
0101 MWF.....1:00pm- 1:50pm (HZF 1106) — Staley, G
0201 MWF.....2:00pm- 2:50pm (HZF 1106) — Staley, G

CLAS601 Intro to Graduate Study in Classics; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — STAFF

CLAS688 Special Topics in Classical Civilization: Ancient Trade; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:40pm (Arranged) — STAFF

CMLT Comparative Literature (Arts and Humanities)

CMLT430 Literature of the Middle Ages; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3120) — Gerli, M

CMLT433 Dante and the Romance Tradition; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) — Russell, C

CMLT462 Romanticism: Flowering and Influence; Grade Method: REG/P-F/AUD; Taught in German. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1211) — Beicken, P

CMLT479A Major Contemporary Authors: Modern Japanese Fiction in Translation; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1124) — Rimer, T

CMLT479B Major Contemporary Authors: Modern Chinese Literature; Grade Method: REG; — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1122) — Yee, A

CMLT479C Major Contemporary Authors: Portuguese Literature in Translation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1125) — Igel, R

CMLT479D Major Contemporary Authors: Russian Literature of the 20th Century; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2102) — Glad, J

CMLT488A Genres: Modern British and American Poetry; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2110) — Holton, W

CMLT488B Genres: Modern Drama; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....4:00pm- 5:15pm (KEY 0123) — Freedman, M

CMLT488C Genres: The Modern Novel; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TLF 1102) — Martin, R

CMLT488D Genres: Arthurian Legend; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 1101) — Herman, H

CMLT498A Selected Topics in Comparative Literature: The Holocaust in Film and Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 4:00pm (HJP 0226) — Bilik, D

CMLT498B Selected Topics in Comparative Literature: Survey of Latin Literature; Grade Method: REG/P-F/AUD; Reading knowledge of Latin. — 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 3118) — Stehle, E

CMLT498C Selected Topics in Comparative Literature: Precolumbian Indian Cultures; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1215) — Aguilar-Mora, J

CMLT498D Selected Topics in Comparative Literature: Afro-American Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0126) — Joyce, J

CMLT498E Selected Topics in Comparative Literature: Francophone Women Writers; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3118) — Hage, M

CMLT498F Selected Topics in Comparative Literature: Literary Criticism; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (HZF 1102) — Rabasa, J

CMLT498I Selected Topics in Comparative Literature: Philosophy of Beauty; Grade Method: REG/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (SKN 1106) — Brown, J

CMLT498J Selected Topics in Comparative Literature: History of Ideas in America to 1865; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0124) — Grimsted, D

CMLT498K Selected Topics in Comparative Literature: Sociology of the Arts; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3219) — Clignet, R

CMLT498L Selected Topics in Comparative Literature: Philosophy of Art; Grade Method: REG/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (SKN 1106) — Brown, J

CMLT498M Selected Topics in Comparative Literature: Individual and Society; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2123) — Rubin, V
F.....1:00pm- 1:50pm (JMZ 2102)

CMLT498N Selected Topics in Comparative Literature: Masterpieces of Scandinavian Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....1:00pm- 3:30pm (JMZ 2102) — Oster, R

CMLT498O Selected Topics in Comparative Literature: History of European Ideas; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....1:00pm- 3:00pm (KEY 2119) — Haber, F
Time and room to be arranged DIS

CMLT610 Folklore in Literature; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 0108) — Fry, G
Time and room to be arranged DIS

CMLT639B Studies in the Renaissance: Feminist Shakespeare; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 2137) — Leinwand, T
Time and room to be arranged DIS

CMLT639C Studies in the Renaissance: Cervantes: The Quijote; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:30pm- 7:00pm (JMZ 1215) — Zappala, M

CMLT639D Studies in the Renaissance: Two Faces of Humanism; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:00pm (TLF 0135) — Coogan, R
Time and room to be arranged DIS

CMLT639E Studies in the Renaissance: Seminar in 17th Century Literature; Grade Method: REG/AUD; — 3 credits

Need Technical Assistance ?

Refer to:

UNIVERSITY BOOK CENTER

Where you'll find the area's

Largest Selection of Technical Reference Books

UBC also features a special selection of

Discounted Professional Handbooks

*Can't find what you're looking for?
No problem, UBC gladly accepts special orders without special order fees

UNIVERSITY BOOK CENTER

Lower Level
Stamp Union

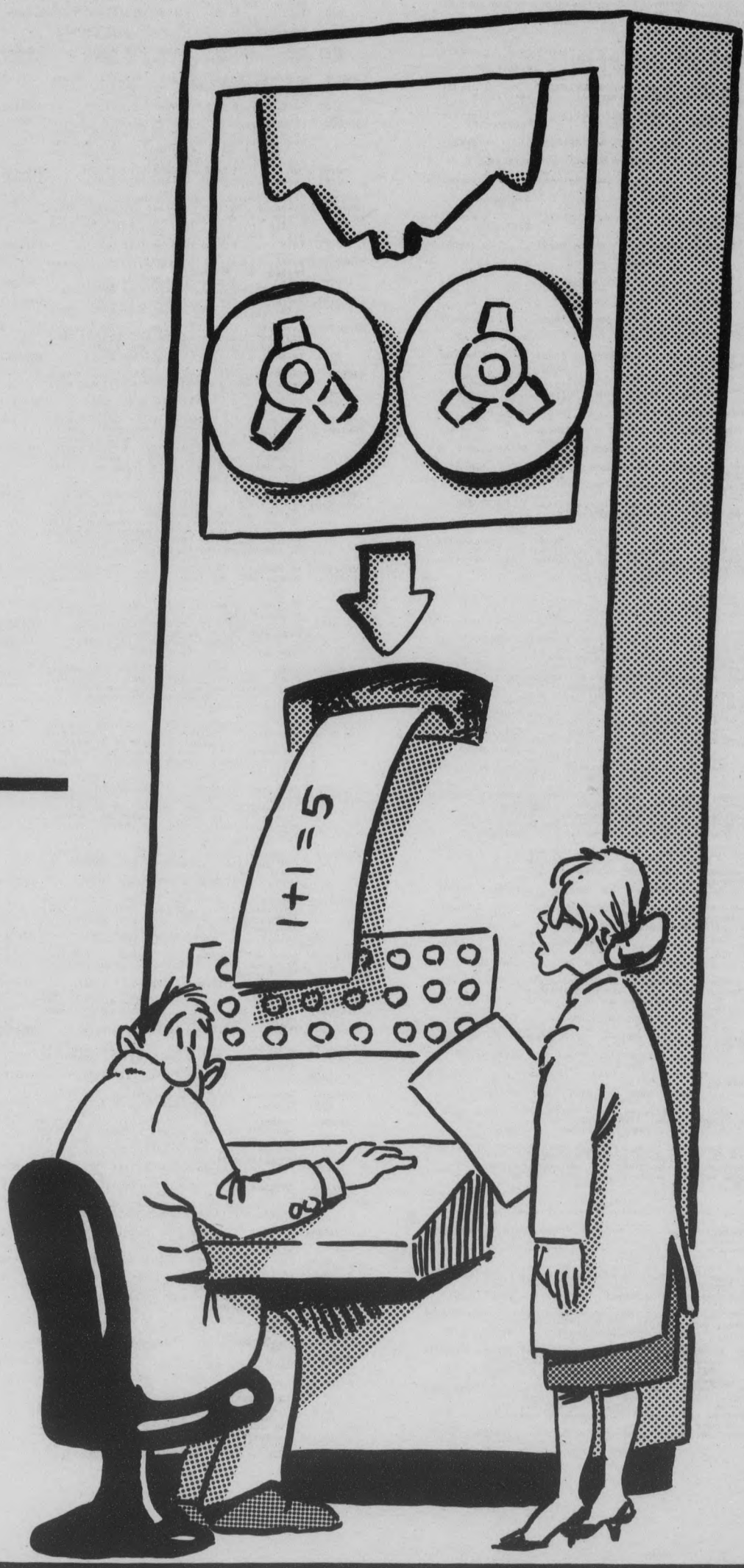
The official University bookstore that's more than a bookstore.

REGULAR STORE HOURS

Sun.....12 to 5pm
Mon-Fri.....8:30am to 7:30pm
Sat.....9am to 5pm

VISA, MASTERCARD, & CHOICE ACCEPTED

454-5840



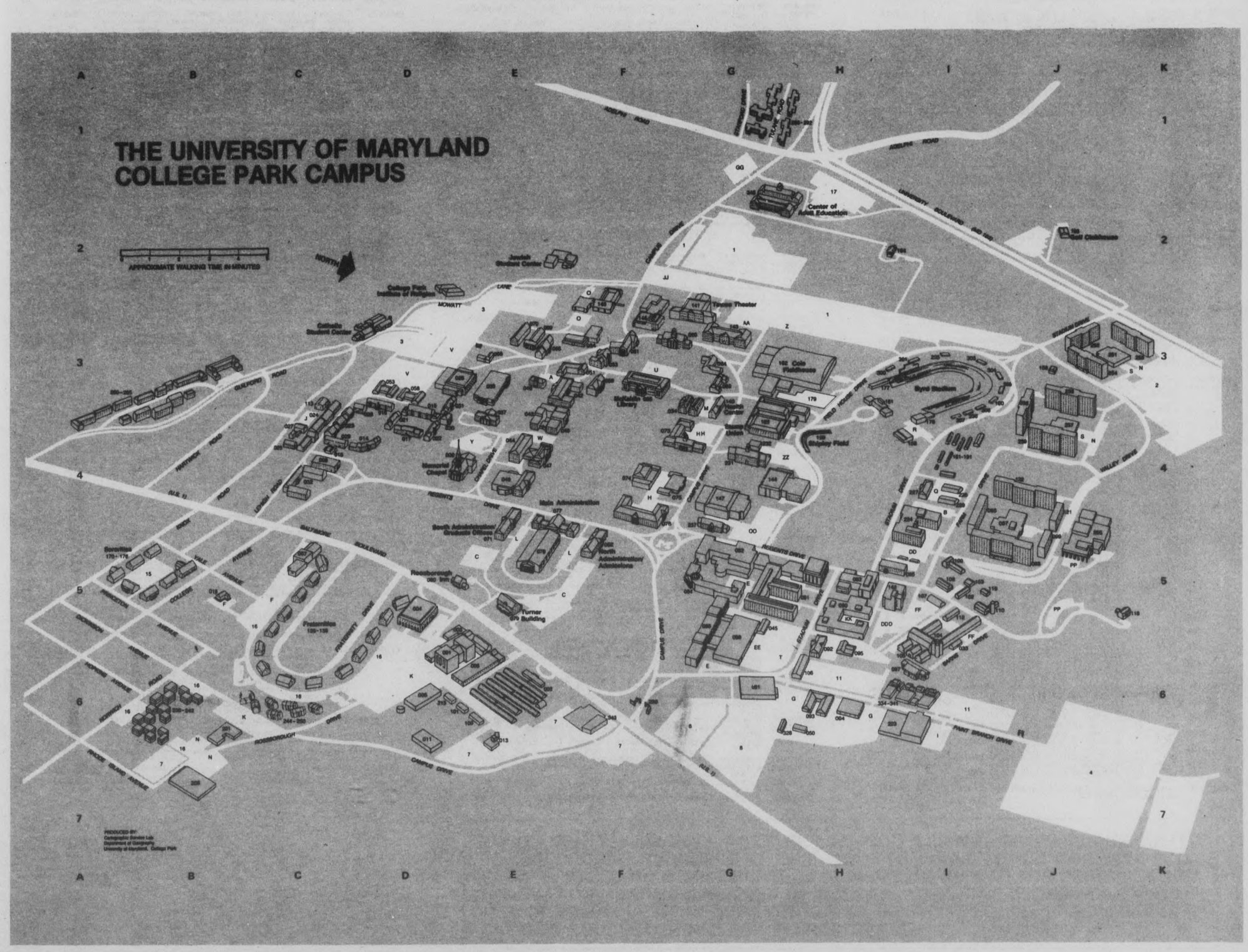
ALPHABETICAL DIRECTORY OF BUILDINGS

024 Allegany Hall (Dorm) C-4
108-110 Animal Barns I-5
104 Animal Sciences Annex I-5
142 Animal Sciences Bldg. H-5
008 Annapolis Hall (Dorm) C-4
060 Anne Arundel Hall (Dorm) G-3
156 Apiary J-3
145 Architecture Bldg. F-2
146 Art-Sociology Bldg F-3
092 Asphalt Institute H-6
016 Baltimore Hall (Dorm) D-3
099 Bel Air Hall (Dorm) J-5
143 Benjamin Bldg. (Education) G-3
160 Byrd Stadium I-3
161 Byrd Stadium, Center Bldg H-3
015 Calvert Hall (Dorm) D-3
096 Cambridge Hall (Dorm) I-4
343 Campus Mail Facility F-6
070 Caroline Hall (Dorm) E-3
065 Carroll Hall (Dorm) E-3
017 Cecil Hall (Dorm) D-4
345 Center of Adult Education G-2
001 Central Heating Plant D-6
206 Central Receiving Warehouse B-7
098 Centreville Hall (Dorm) J-5
025 Charles Hall (Dorm) C-4
090 Chemical and Nuclear Engineering Bldg. H-5
091 Chemistry Bldg. G-5
121 Chestertown Hall (Dorm) J-4
106 Classroom Bldg. H-6
162 Cole Student Activities Bldg. G-3
224 Computer and Space Sciences Bldg. I-4
122 Cumberland Hall (Dorm) J-4
107 Dairy Science Annex I-5
105 Dairy Science Office I-6
252 Denton Hall (Dorm) J-3
097 Dining Hall (Cambridge) I-4
251 Dining Hall ((Denton) K-3
257 Dining Hall (Ellicott) J-4
064 Dorcester Hall (Dorm) G-3
253 Easton Hall (Dorm) K-3
066 Education Annex, West E-3
254 Elkton Hall (Dorm) J-3
256 Ellicott Hall (Dorm) J-3
223 Energy Research Facility H-6
088 Engineering Classroom Bldg G-5
089 Engineering Laboratory Bldg. G-6
093 Engineering Research Bldg H-6
007 Fire and Rescue Institute (MD) C-5
158 Football Bldg. I-4
048 Francis Scott Key Hall E-3
126-139 Fraternity Houses C-6
029 Frederick Hall (Dorm) C-4
031 Garrett Hall (Dorm) D-3
299 Gatehouse F-6
237 Geology Bldg. G-4
166 Golf Range J-2
002 Greenhouses E-6
258 Hagerstown Hall (Dorm) J-3
014 Harford Hall (Dorm) D-4
002 Harrison Lab E-6
140 Health Center G-3
074 Holzapfel Hall F-4
147 Hornbake Undergraduate Library G.4
028 Howard Hall (Dorm) D-3
085 Institute for Physical Sciences and Technology I-5
045 Instructional Television Facility G-5
034 Jimenez Bldg. (Foreign Languages) G-3
059 Journalism Bldg. F-3
227 Jull Hall I-4
022 Kent Hall (Dorm) D-4
027 Knox Rd. Office Bldg. East C-4
038 Le Frak Hall (Social Sciences) E-3
259 LaPlata Hall (Dorm) J-4
201 Leonardtown Community Bldg. (Employment Office) B-6
238-249 Leonardtown Modular Residences B-6
260-285 Lord Calvert Apts. B-4
077 Main Administration Bldg. E-5
046 Marie Mount Hall E-4
084 Mathematics Bldg. G-5
035 McKeldin Library F-3
009 Memorial Chapel D-4
231 Microbiology Bldg. G-4
232 Mill Bldg. G-4
032 Montgomery Hall (Dorm) C-4
040 Morrill Hall E-3
011 Motor Transportation Facility D-6
052 North Administration Bldg. F-5
094 Paint Branch Dr. Office Bldg. H-6
179 Parking Garage #1 H-4
073 H. J. Patterson Hall G-4
083 J. M. Patterson Hall H-5
008 Photographic Services (Annapolis Hall) C-4
255 Physical Education, Recreation and Health Bldg. J-5
082 Physics Bldg. G-5
006 Plant Operations and Maintenance Shops E-5
003 Police and Service Bldg. E-6
113 Police Substation C-3
181-191 Poultry Bldgs. I-4
054 Preinkert Field House F-3
164 President's Residence I-2
021 Prince George's Hall (Dorm) D-3
061 Queen Anne's Hall (Dorm) F-3
078 Reckord Armory E-5
334-341 Relocatable Buildings I-6
004 Ritchie Coliseum D-5
080 Rossborough Inn (Faculty-Alumni Club)
109 Sheep Barn I-5
159 Shipley Field D-6
037 Shoemaker Bldg. E-3
075 Shriver Lab F-4
013 Shuttle Bus Facility F-4
044 Skinner Bldg. E-4
063 Somerset Hall (Dorm) F-3
170-176 Sorority Houses B-5
071 South Administration Bldg. and Graduate School E-4
026 South Campus Dining Hall E-3
062 St. Mary's Hall (Dorm) G-3
163 Stamp Student Union G-4
076 Symons Hall F-4
030 Talbot Hall (Dorm) D-4
043 Taliaferro Hall E-3
141 Tawes Fine Arts Bldg. G-3
053 Temporary Classroom Bldg. AA D-3
058 Temporary Classroom Bldg. EE D-3
308 Temporary Computer Science I-5
079 Turner Lab (Dairy) E-5
042 Tydings Hall, Millard E. E-3
345 University College (Center of Adult Ed.) G-2
286-292 University Hills Apts. G-1
005 University Press E-6
023 Washington Hall (Dorm) C-4
069 Wicomico Hall (Dorm) E-3
081 Wind Tunnel G-6
047 Woods Hall E-4
051 Worcester Hall (Dorm) F-3
144 Zoology-Psychology Bldg. G-4

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
ASA	Animal Sciences Annex	I-6	104
ANS	Animal Sciences Bldg	H-5	142
ALB	Astronomy Laboratory Bldg	MET	219
API	Apiary	J-3	156
ARC	Architecture Bldg.	F-2	145
ARM	Armory (Reckord)	E-5	078
ASY	Art-Sociology Bldg.	F-3	146
BEB	Beef Barn	I-5	110
BRD	Byrd Stadium	I-3	160
CHE	Chemical Engineering Bldg	H-5	090
CHM	Chemistry Bldg.	G-5	091
CLB	Classroom Bldg.	H-6	106
COL	Cole Student Activities Bldg	G-3	162
CSS	Computer and Space Sciences Bldg.	I-4	224
DSA	Dairy Science Annex & Large Animal Classroom	I-5	107
EDA	Education Annex	E-3	066
EDU	Education (Benjamin)	G-3	143
EGL	Engineering Laboratory Bldg. (Martin)	G-6	089
EGR	Engineering Classroom (Martin)	G-5	088
EPL	East Poultry Lab Bldg	I-4	188
GEO	Geology Bldg.	G-4	237
GLF	Golf Range	J-2	166
HAR	Harrison Lab	E-6	002
HOB	Horse Barn	I-5	108
HBK	Hornbake Undergraduate Library	G-4	147
HJP	H. J. Patterson	G-4	073
HZF	Holzapfel Hall	F-4	074
IPT	Inst. of Physical Sciences and Technology	I-5	085
ITV	Instructional Television Facility	G-5	045
JMP	J. M. Patterson Hall	H-5	083
JMZ	Jimenez Foreign Language	G-3	034
JRN	Journalism Bldg	F-3	059
JUL	Jull Hall	I-4	227
KEY	Francis Scott Key Hall	E-3	048
LAM	Lab Animal Mgt. Classroom	CRF	783
LEF	Lefrak Social Sciences	E-3	038
MCB	Microbiology Bldg	G-4	231
MCK	McKeldin Library	F-3	035
MIL	Mill Bldg.	G-4	232
MMH	Marie Mount Hall	E-4	046
MOR	Morrill Hall	E-3	040
MTH	Mathematics Bldg	G-5	084
PHY	Physics Bldg	G-5	082
PKT	Preinkert Field House	F-3	054
PRH	Physical Education, Recreation and Health Bldg.	J-5	255
RIT	Ritchie Coliseum	D-5	004
SDH	South Campus Dining Hall	E-3	026
SHB	Sheep Barn	I-5	109
SHM	Shoemaker Building	E-3	037
SHR	Shriver Lab	F-4	075
SKN	Skinner Bldg	E-4	044
SSU	Stamp Student Union	G-4	163
SYM	Symons Hall	F-4	076
TAA	Temporary Classroom AA	D-3	053
TBA	To Be Arranged		
TEE	Temporary Classroom EE	D-3	058
TLF	Taliaferro Hall	E-3	043
TUR	Turner Lab	E-5	079
TYD	Tydings Hall	E-3	042
TWS	Tawes Fine Arts Bldg.	G-3	141
WDS	Woods Hall	E-4	047
WTU	Wind Tunnel	G-6	081
ZOP	Zoology-Psychology Bldg.	G-4	144

Location "CRF" denotes Calvert Road Facilities.
Location "MET" denotes Metzerott Road Facilities.



Need Technical Assistance ?

Refer to:

UNIVERSITY BOOK CENTER

Where you'll find the area's

Largest Selection of Technical Reference Books

UBC also features a special selection of

Discounted Professional Handbooks

*Can't find what you're looking for?
No problem, UBC gladly accepts special orders without special order fees

UNIVERSITY BOOK CENTER

Lower Level
Stamp Union

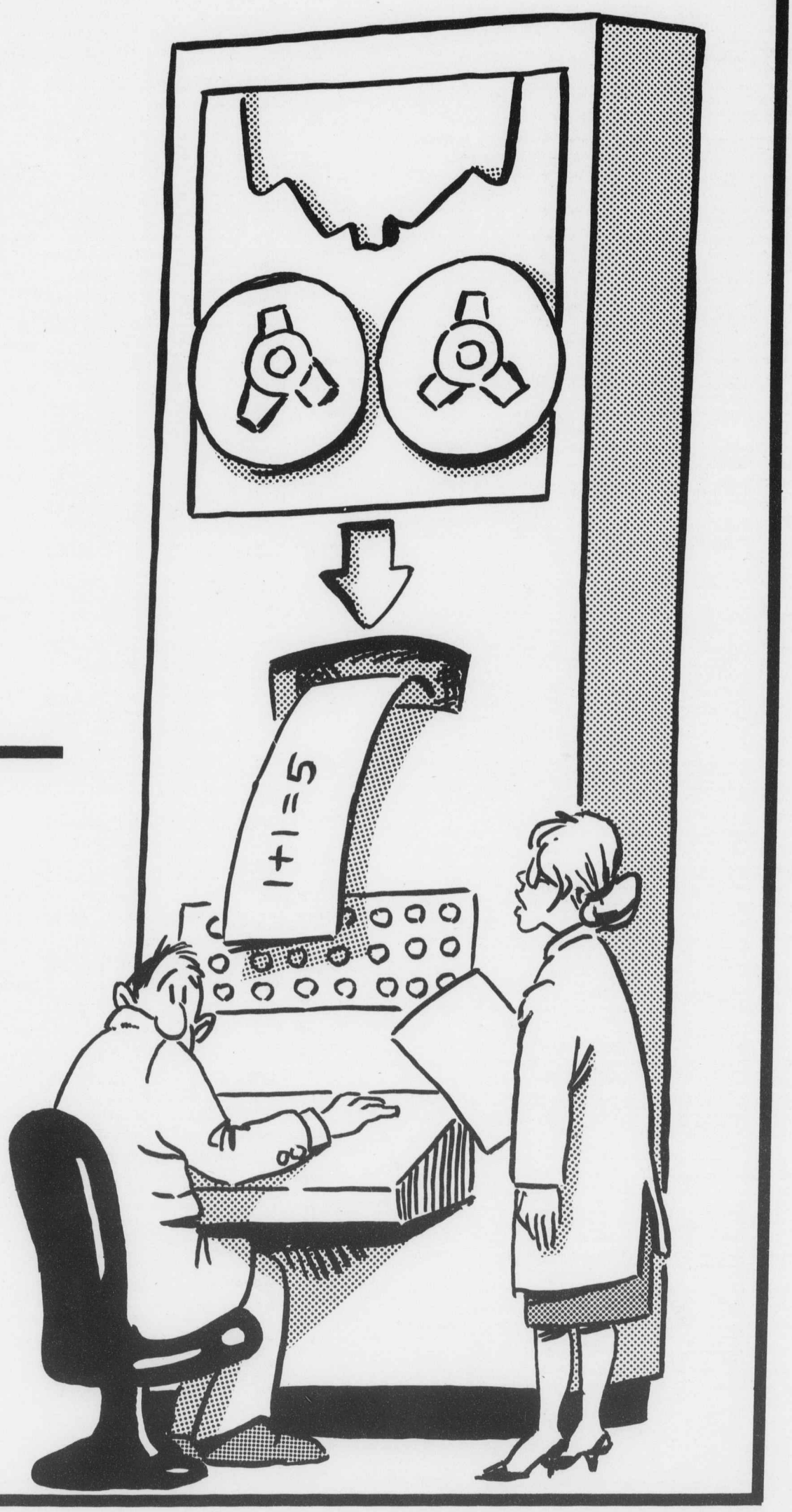
The official University bookstore that's more than a bookstore.

REGULAR STORE HOURS

Sun.....12 to 5pm
Mon-Fri.....8:30am to 7:30pm
Sat.....9am to 5pm

VISA, MASTERCARD, & CHOICE ACCEPTED

454-5840



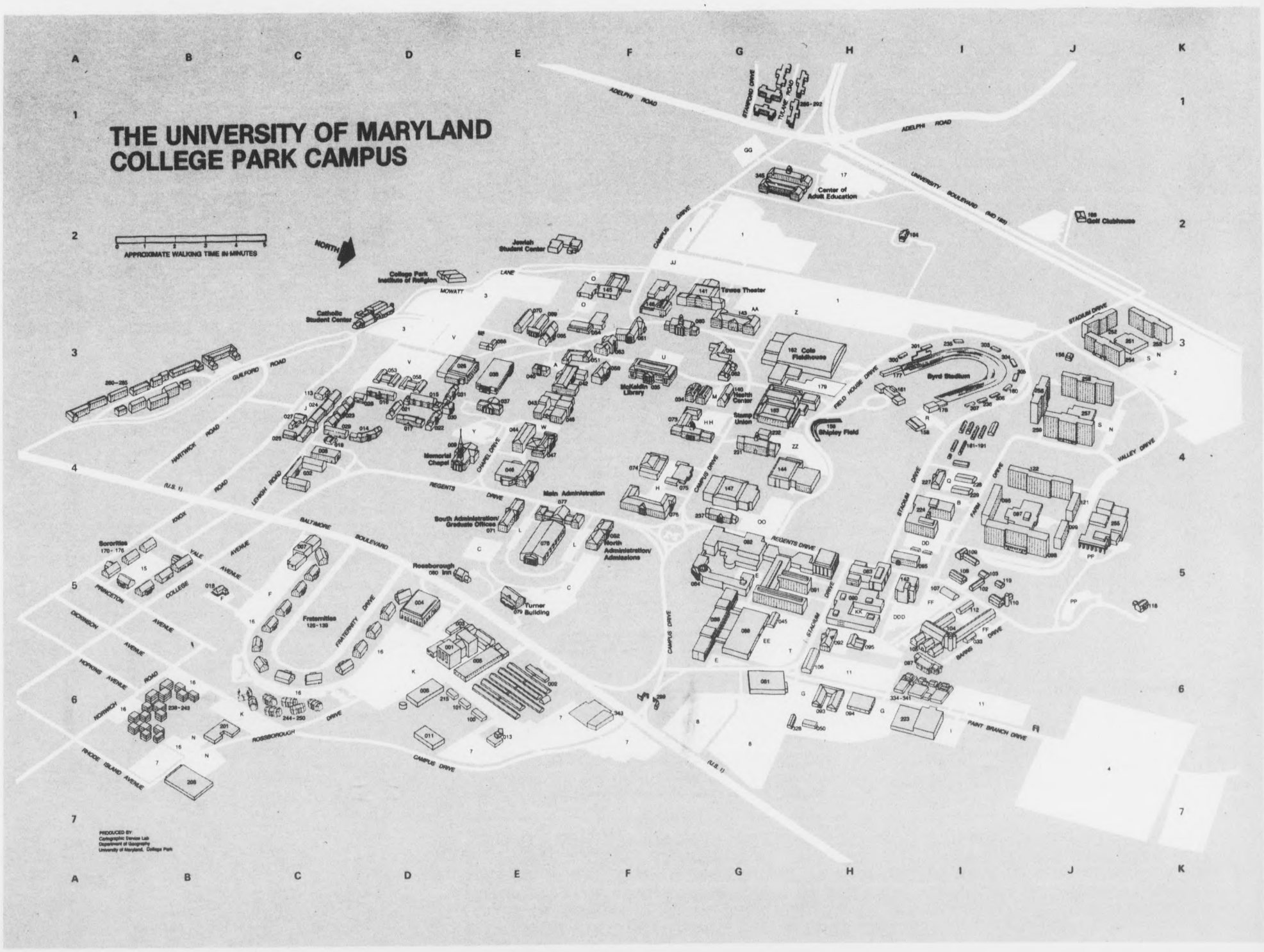
ALPHABETICAL DIRECTORY OF BUILDINGS

024 Allegany Hall (Dorm) C-4
108-110 Animal Barns I-5
104 Animal Sciences Annex I-5
142 Animal Sciences Bldg. H-5
008 Annapolis Hall (Dorm) C-4
060 Anne Arundel Hall (Dorm) G-3
156 Apiary J-3
145 Architecture Bldg. F-2
146 Art-Sociology Bldg. F-3
092 Asphalt Institute H-6
016 Baltimore Hall (Dorm) D-3
099 Bel Air Hall (Dorm) J-5
143 Benjamin Bldg. (Education) G-3
160 Byrd Stadium I-3
161 Byrd Stadium, Center Bldg. H-3
015 Calvert Hall (Dorm) D-3
096 Cambridge Hall (Dorm) I-4
343 Campus Mail Facility F-6
070 Caroline Hall (Dorm) E-3
065 Carroll Hall (Dorm) E-3
017 Cecil Hall (Dorm) D-4
345 Center of Adult Education G-2
001 Central Heating Plant D-6
206 Central Receiving Warehouse B-7
098 Centreville Hall (Dorm) J-5
025 Charles Hall (Dorm) C-4
090 Chemical and Nuclear Engineering Bldg. H-5
091 Chemistry Bldg. G-5
121 Chestertown Hall (Dorm) J-4
106 Classroom Bldg. H-6
162 Cole Student Activities Bldg. G-3
224 Computer and Space Sciences Bldg. I-4
122 Cumberland Hall (Dorm) J-4
107 Dairy Science Annex I-5
105 Dairy Science Office I-6
252 Denton Hall (Dorm) J-3
097 Dining Hall (Cambridge) I-4
251 Dining Hall ((Denton) K-3
257 Dining Hall (Ellicott) J-4
064 Dorcester Hall (Dorm) G-3
253 Easton Hall (Dorm) K-3
066 Education Annex, West E-3
254 Elkton Hall (Dorm) J-3
256 Ellicott Hall (Dorm) J-3
223 Energy Research Facility H-6
088 Engineering Classroom Bldg G-5
089 Engineering Laboratory Bldg. G-6
093 Engineering Research Bldg. H-6
007 Fire and Rescue Institute (MD) C-5
158 Football Bldg. I-4
048 Francis Scott Key Hall E-3
126-139 Fraternity Houses C-6
029 Frederick Hall (Dorm) C-4
031 Garrett Hall (Dorm) D-3
299 Gatehouse F-6
237 Geology Bldg. G-4
166 Golf Range J-2
002 Greenhouses E-6
258 Hagerstown Hall (Dorm) J-3
014 Harford Hall (Dorm) D-4
002 Harrison Lab E-6
140 Health Center G-3
074 Holzapfel Hall F-4
147 Hornbake Undergraduate Library G-4
028 Howard Hall (Dorm) D-3
085 Institute for Physical Sciences and Technology I-5
045 Instructional Television Facility G-5
034 Jimenez Bldg. (Foreign Languages) G-3
059 Journalism Bldg. F-3
227 Jull Hall I-4
022 Kent Hall (Dorm) D-4
027 Knox Rd. Office Bldg. East C-4
038 Le Frak Hall (Social Sciences) E-3
259 LaPlata Hall (Dorm) J-4
201 Leonardtown Community Bldg. (Employment Office) B-6
238-249 Leonardtown Modular Residences B-6
260-285 Lord Calvert Apts. B-4
077 Main Administration Bldg. E-5
046 Marie Mount Hall E-4
084 Mathematics Bldg. G-5
035 McKeldin Library F-3
009 Memorial Chapel D-4
231 Microbiology Bldg. G-4
232 Mill Bldg. G-4
032 Montgomery Hall (Dorm) C-4
040 Morrill Hall E-3
011 Motor Transportation Facility D-6
052 North Administration Bldg. F-5
094 Paint Branch Dr. Office Bldg. H-6
179 Parking Garage #1 H-4
073 H. J. Patterson Hall G-4
083 J. M. Patterson Hall H-5
008 Photographic Services (Annapolis Hall) C-4
255 Physical Education, Recreation and Health Bldg. J-5
082 Physics Bldg. G-5
006 Plant Operations and Maintenance Shops E-5
003 Police and Service Bldg. E-6
113 Police Substation C-3
181-191 Poultry Bldgs. I-4
054 Preinkert Field House F-3
164 President's Residence I-2
021 Prince George's Hall (Dorm) D-3
061 Queen Anne's Hall (Dorm) F-3
078 Reckord Armory E-5
334-341 Relocatable Buildings I-6
004 Ritchie Coliseum D-5
080 Rossborough Inn (Faculty-Alumni Club)
109 Sheep Barn I-5
159 Shipley Field D-6
037 Shoemaker Bldg. E-3
075 Shriver Lab F-4
013 Shuttle Bus Facility F-4
044 Skinner Bldg. E-4
063 Somerset Hall (Dorm) F-3
170-176 Sorority Houses B-5
071 South Administration Bldg. and Graduate School E-4
026 South Campus Dining Hall E-3
062 St. Mary's Hall (Dorm) G-3
163 Stamp Student Union G-4
076 Symons Hall F-4
030 Talbot Hall (Dorm) D-4
043 Taliaferro Hall E-3
141 Tawes Fine Arts Bldg. G-3
053 Temporary Classroom Bldg. AA D-3
058 Temporary Classroom Bldg. EE D-3
308 Temporary Computer Science I-5
079 Turner Lab (Dairy) E-5
042 Tydings Hall, Millard E. E-3
345 University College (Center of Adult Ed.) G-2
286-292 University Hills Apts. G-1
005 University Press E-6
023 Washington Hall (Dorm) C-4
069 Wicomico Hall (Dorm) E-3
081 Wind Tunnel G-6
047 Woods Hall E-4
051 Worcester Hall (Dorm) F-3
144 Zoology-Psychology Bldg. G-4

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
ASA	Animal Sciences Annex	I-6	104
ANS	Animal Sciences Bldg	H-5	142
ALB	Astronomy Laboratory Bldg	MET	219
API	Apiary	J-3	156
ARC	Architecture Bldg.	F-2	145
ARM	Armory (Reckord)	E-5	078
ASY	Art-Sociology Bldg.	F-3	146
BEB	Beef Barn	I-5	110
BRD	Byrd Stadium	I-3	160
CHE	Chemical Engineering Bldg	H-5	090
CHM	Chemistry Bldg.	G-5	091
CLB	Classroom Bldg.	H-6	106
COL	Cole Student Activities Bldg	G-3	162
CSS	Computer and Space Sciences Bldg.	I-4	224
DSA	Dairy Science Annex & Large Animal Classroom	I-5	107
EDA	Education Annex	E-3	066
EDU	Education (Benjamin)	G-3	143
EGL	Engineering Laboratory Bldg. (Martin)	G-6	089
EGR	Engineering Classroom (Martin)	G-5	088
EPL	East Poultry Lab Bldg	I-4	188
GEO	Geology Bldg.	G-4	237
GLF	Golf Range	J-2	166
HAR	Harrison Lab	E-6	002
HOB	Horse Barn	I-5	108
HBK	Hornbake Undergraduate Library	G-4	147
HJP	H. J. Patterson	G-4	073
HZF	Holzapfel Hall	F-4	074
IPT	Inst. of Physical Sciences and Technology	I-5	085
ITV	Instructional Television Facility	G-5	045
JMP	J. M. Patterson Hall	H-5	083
JMZ	Jimenez Foreign Language	G-3	034
JRN	Journalism Bldg	F-3	059
JUL	Jull Hall	I-4	227
KEY	Francis Scott Key Hall	E-3	048
LAM	Lab Animal Mgt. Classroom	CRF	783
LEF	Lefrak Social Sciences	E-3	038
MCB	Microbiology Bldg	G-4	231
MCK	McKeldin Library	F-3	035
MIL	Mill Bldg.	G-4	232
MMH	Marie Mount Hall	E-4	046
MOR	Morrill Hall	E-3	040
MTH	Mathematics Bldg	G-5	084
PHY	Physics Bldg	G-5	082
PKT	Preinkert Field House	F-3	054
PRH	Physical Education, Recreation and Health Bldg.	J-5	255
RIT	Ritchie Coliseum	D-5	004
SDH	South Campus Dining Hall	E-3	026
SHB	Sheep Barn	I-5	109
SHM	Shoemaker Building	E-3	037
SHR	Shriver Lab	F-4	075
SKN	Skinner Bldg	E-4	044
SSU	Stamp Student Union	G-4	163
SYM	Symons Hall	F-4	076
TAA	Temporary Classroom AA	D-3	053
TBA	To Be Arranged		
TEE	Temporary Classroom EE	D-3	058
TLF	Taliaferro Hall	E-3	043
TUR	Turner Lab	E-5	079
TYD	Tydings Hall	E-3	042
TWS	Tawes Fine Arts Bldg.	G-3	141
WDS	Woods Hall	E-4	047
WTU	Wind Tunnel	G-6	081
ZOP	Zoology-Psychology Bldg.	G-4	144

Location "CRF" denotes Calvert Road Facilities.
Location "MET" denotes Metzerott Road Facilities.



0101 Time and room to be arranged Kerrigan, W

CMLT639F Studies in the Renaissance: Kreuzzugsepik und - Lyrik; Grade Method: REG/AUD; Course taught in German. 3 credits
0101 W.....5:00pm- 7:30pm (JMZ 3207) Strauch, G

CMLT649 Studies in Eighteenth Century Literature: Diderot, Sade and Philosophical Materialism; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:30pm (JMZ 3118) Fink, B

CMLT658 Studies in Romanticism: Seminar in 19th Century Literature; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:00pm (TLF 2137) David, D
Time and room to be arranged DIS

CMLT679A Seminar in Modern and Contemporary Literature: Modernity and Fragmented Thought; Grade Method: REG/AUD; 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 4223) Heyndels, R

CMLT679C Seminar in Modern and Contemporary Literature: Theory, Scenario and Text; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (Arranged) Lifton, M
Time and room to be arranged LAB

CMLT679E Seminar in Modern and Contemporary Literature: Sociological Approaches of Literature and Culture; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Heyndels, R

CMLT679G Seminar in Modern and Contemporary Literature: Brecht: a Master Class; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:30pm (TWS 0241) Bentley, E

CMLT679I Seminar in Modern and Contemporary Literature: Opera as Drama - Strauss, Tanaczek, Berg and Weill; Grade Method: REG/AUD; 3 credits
0101 Meets 09/02/87 - 10/16/87 Bentley, E
W.....1:00pm- 3:30pm (JMZ 4225)
Time and room to be arranged DIS

CMLT679J Seminar in Modern and Contemporary Literature: Twentieth Century German Literature: Women Since 1945; Grade Method: REG/AUD; 3 credits
0101 M.....5:00pm- 7:30pm (JMZ 3207) Frederiksen, E

CMLT679L Seminar in Modern and Contemporary Literature: Open Seminar: Hispano-American Literary Criticism; Grade Method: REG/AUD; 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 2207) Sosnowski, S

CMLT679O Seminar in Modern and Contemporary Literature: Conrad, Forster and Lawrence; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (TLF 3100) Panichas, G
Time and room to be arranged DIS

CMLT679P Seminar in Modern and Contemporary Literature: 20th Century Literature: Pound and Lowell; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 3100) Holton, W
Time and room to be arranged DIS

CMLT679Q Seminar in Modern and Contemporary Literature: American Drama 1920-1960; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (TLF 2137) Bryer, J
Time and room to be arranged DIS

CMLT679R Seminar in Modern and Contemporary Literature: Readings in European Social History; Grade Method: REG/AUD; 3 credits
0301 M.....4:00pm- 6:00pm (KEY 0120) Gullickson, G
Time and room to be arranged DIS

CMLT679S Seminar in Modern and Contemporary Literature: Readings in American Social History; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 1118) Berlin, I
Time and room to be arranged DIS

CMLT679T Seminar in Modern and Contemporary Literature: Readings in Modern European History; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 0107) Harris, J
Time and room to be arranged DIS

CMLT679U Seminar in Modern and Contemporary Literature: Readings in the History of Rhetoric Theory to 1900; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:00pm (TLF 2137) Fahnestock, J
Time and room to be arranged DIS

CMLT682 Literary Criticism: Renaissance and Modern; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 2137) Handelman, S
Time and room to be arranged DIS

CMLT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMLT801 Seminar in Themes and Types; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (JMZ 1211) Pacheco, J

CMLT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

CMSC Computer Science (Comp, Math, & Phys Sci)

CMSC103 Introduction to Computing: Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (CSS 2324) Kaye, G
0201 MWF.....1:00pm- 1:50pm (CSS 2324) Kaye, G

CMSC103L (PermReq) Introduction to Computing; Grade Method: REG/P-F/AUD; Restricted to Liberal Arts in Business students. Permission of Arts and Humanities Provost. 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 3101) STAFF

CMSC110 Introduction to Fortran Programming; Grade Method: REG/P-F/AUD; CMSC majors need CMSC 112. 4 credits
0101 TuTh.....9:30am-10:45am (CLB 0111) Williams, J
MW.....4:00pm- 4:50pm (CLB 0104) DIS
0102 TuTh.....9:30am-10:45am (CLB 0111) Williams, J
MW.....4:00pm- 4:50pm (CLB 0102) DIS
0103 TuTh.....9:30am-10:45am (CLB 0111) Williams, J
MW.....12:00pm-12:50pm (CLB 0102) DIS

CMSC112 Computer Science I; Grade Method: REG/P-F/AUD; MATH 140 is corequisite. 4 credits
0101 TuTh.....9:30am-10:45am (CSS 2324)
WF.....11:00am-11:50am (CLB 0102) LAB Kowalchack, B
0102 TuTh.....9:30am-10:45am (CSS 2324)
WF.....12:00pm-12:50pm (CLB 0109) LAB Kowalchack, B
0103 TuTh.....9:30am-10:45am (CSS 2324)
WF.....12:00pm-12:50pm (CSS 2330) LAB Kowalchack, B
0104 TuTh.....9:30am-10:45am (CSS 2324)
WF.....11:00am-11:50am (CSS 2330) LAB Kowalchack, B
0105 TuTh.....9:30am-10:45am (CSS 2324)
WF.....11:00am-11:50am (CSS 2352) LAB Kowalchack, B
0201 TuTh.....11:00am-12:15pm (CSS 2324)
WF.....2:00pm- 2:50pm (CLB 0104) LAB Kowalchack, B
0202 TuTh.....11:00am-12:15pm (CSS 2324)
WF.....1:00pm- 1:50pm (CLB 0102) LAB Kowalchack, B
0203 TuTh.....11:00am-12:15pm (CSS 2324)
WF.....4:00pm- 4:50pm (CLB 0109) LAB Kowalchack, B
0204 TuTh.....11:00am-12:15pm (CSS 2324)
WF.....2:00pm- 2:50pm (CSS 2330) LAB Kowalchack, B
0205 TuTh.....11:00am-12:15pm (CSS 2324)
WF.....3:00pm- 3:50pm (CSS 2330) LAB Kowalchack, B

CMSC113 Computer Science II; Grade Method: REG/P-F/AUD; MATH 141 is corequisite. 4 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2324)
WF.....12:00pm-12:50pm (CSS 2352) LAB Zelkowitz, M
0102 TuTh.....12:30pm- 1:45pm (CSS 2324)
WF.....10:00am-10:50am (CSS 2330) LAB Zelkowitz, M
0103 TuTh.....12:30pm- 1:45pm (CSS 2324)
WF.....8:00am- 8:50am (CSS 2352) LAB Zelkowitz, M
0104 TuTh.....12:30pm- 1:45pm (CSS 2324)
WF.....11:00am-11:50am (CLB 0104) LAB Zelkowitz, M
0106 TuTh.....12:30pm- 1:45pm (CSS 2324)
WF.....1:00pm- 1:50pm (CSS 2330) LAB Zelkowitz, M

CMSC120 Introduction to Pascal Programming; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....8:00am- 9:15am (CSS 2324) Williams, J
WF.....12:00pm-12:50pm (CLB 0104) DIS

CMSC211 Assembly Language Programming; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 2:50pm (CLB 0111) Park, C
MW.....8:00am- 8:50am (CLB 0111) DIS
0102 TuTh.....2:00pm- 2:50pm (CLB 0111) Park, C
MW.....9:00am- 9:50am (CLB 0104) DIS

CMSC220 Introduction to File Processing; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CLB 0111) Eastman, R

CMSC250 Introduction to Discrete Structures; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CSS 2324) Atchison, W
0201 MWF.....11:00am-11:50am (CSS 2324) Atchison, W
0401 TuTh.....9:30am-10:45am (CHM 0115) Fontecilla, R

CMSC311 (PermReq) Computer Organization; Grade Method: REG; 3 credits
0101 MW.....5:15pm- 6:30pm (CLB 0111) Preston, D
0301 MW.....2:00pm- 3:15pm (CSS 2324) Chu, Y

CMSC330 (PermReq) Organization of Programming Languages; Grade Method: REG; 3 credits
0101 MW.....3:00pm- 3:50pm (CLB 0111) Gannon, J
F.....9:00am- 9:50am (CLB 0104) DIS
0102 MW.....3:00pm- 3:50pm (CLB 0111) Gannon, J
F.....10:00am-10:50am (CLB 0104) DIS
0103 MW.....3:00pm- 3:50pm (CLB 0111) Gannon, J
F.....9:00am- 9:50am (CLB 0102) DIS
0104 MW.....3:00pm- 3:50pm (CLB 0111) Gannon, J
F.....10:00am-10:50am (CLB 0109) DIS

CMSC386 (PermReq) Field Work; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Need faculty sponsor first. 1 credit

CMSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Need faculty sponsor first. 2 credits

CMSC390 (PermReq) Honors Paper; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

CMSC411 (PermReq) Computer System Architecture; Grade Method: REG; 3 credits
0201 TuTh.....3:30pm- 4:45pm (CLB 0111) Park, C
0301 TuTh.....4:30pm- 5:45pm (CLB 0102) Schultz, M

CMSC412 (PermReq) Operating Systems; Grade Method: REG; 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2352) Agrawala, A
0201 TuTh.....11:00am-12:15pm (CSS 2330) Carson, S

CMSC420 (PermReq) Data Structures; Grade Method: REG; 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 2107) Knott, G
0401 MW.....2:00pm- 3:15pm (CSS 2352) Samet, H
0501 TuTh.....6:00pm- 7:15pm (CLB 0111) Shapiro, B
0601 MW.....5:00pm- 6:15pm (CSS 2330) Eastman, R

CMSC424 (PermReq) Database Design; Grade Method: REG; 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2330) Minker, J
0201 TuTh.....3:30pm- 4:45pm (ITV 1100) Faloutsos, C
0301 TuTh.....12:30pm- 1:45pm (CLB 0104) Jajodia, J

CMSC430 (PermReq) Theory of Language Translation; Grade Method: REG; 3 credits
0201 TuTh.....8:00am- 9:15am (EGR 2107) Barth, C
0301 TuTh.....11:00am-12:15pm (CLB 0104) Stotts, D
0401 TuTh.....2:00pm- 3:15pm (CHM 2201) Stewart, G

CMSC434 (PermReq) Human Factors in Computer and Information Systems; Grade Method: REG/P-F; Prerequisites: CMSC 330, STAT 400, PSYC 100. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0124) Shneiderman, B

CMSC435 (PermReq) Software Design and Development; Grade Method: REG; 3 credits
0101 TuTh.....3:30pm- 4:45pm (CSS 2330) Baker, F
0201 TuTh.....9:30am-10:45am (CLB 0104) Jalote, P

CMSC450 (PermReq) Elementary Logic and Algorithms; Grade Method: REG; 3 credits
0101 TuTh.....9.30am-10:45am (EGR 2107) Perlis, D

CMSC451 (PermReq) Design and Analysis of Computer Algorithms; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0109) Amir, A
0201 TuTh.....2:00pm- 3:15pm (CSS 2330) Amir, A

CMSC452 (PermReq) Elementary Theory of Computation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2324) Mount, D
0201 TuTh.....3:30pm- 4:45pm (CSS 2324) Kruskal, C

CMSC460 (PermReq) Computational Methods; Grade Method: REG/P-F; Credit will be given for only one of the two courses - 460 or 470 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0106) Vogelius, M
0301 MWF.....9:00am- 9:50am (MTH B0429) Wolfe, P

CMSC470 (PermReq) Numerical Mathematics: Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH 0405) Osborn, J
0201 TuTh.....2:00pm- 3:15pm (MTH 0105) Elman, H

CMSC471 (PermReq) Numerical Mathematics: Linear Algebra; Grade Method: REG/P-F; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH B0423) Babuska, I

CMSC475 (PermReq) Combinatorics and Graph Theory; Grade Method: REG/P-F; 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 1311) Adams, J

CMSC477 (PermReq) Optimization; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 1308) Fontecilla, R

CMSC498A (PermReq) Special Problems in Computer Science; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CMSC498F (PermReq) Special Problems in Computer Science: Artificial Intelligence; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2352) Hendler, J

CMSC498R (PermReq) Special Problems in Computer Science: Connectionist Models of Intelligent Systems; Grade Method: REG/AUD; 3 credits
0101 Th.....2:00pm- 5:15pm (JUL 1105) Reggia, J

CMSC612 (PermReq) Computer Systems Theory; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2330) Tripathi, S

CMSC620 (PermReq) Problem Solving Methods in Artificial Intelligence; Grade Method: REG/AUD; 3 credits
0101 TuTh.....8:00pm- 9:15pm (EGR 2107) Kanal, L
0201 TuTh.....2:00pm- 3:15pm (CLB 0104) Aloimonos, J

CMSC630 (PermReq) Theory of Programming Languages; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ITV 1111) Purtilo, J

CMSC650 (PermReq) Theory of Computing; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (CSS 2352) Gasarch, W

CMSC798A (PermReq) Graduate Seminar in Computer Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CMSC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CMSC818A (PermReq) Advanced Topics in Computer Systems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CMSC818R (PermReq) Advanced Topics in Computer Systems: Adaptive Operating Systems; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ITV 1111) Ricart, G

CMSC818S (PermReq) Advanced Topics in Computer Systems: Distributive Systems Verification; Grade Method: REG/AUD; 1-3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0102) Shankar, A

CMSC828A (PermReq) Advanced Topics in Information Processing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CMSC828B (PermReq) Advanced Topics in Information Processing: Database Management Systems; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2352) Christensen, L

CMSC828K (PermReq) Advanced Topics in Information Processing: Uncertainty in Artificial Intelligence; Grade Method: REG/AUD; 3 credits
0101 M.....7:30pm-10:00pm (CSS 0201) Kanal, L

CMSC828N (PermReq) Advanced Topics in Information Processing: Artificial Intelligence For Planning in Automated Manufacturing; Grade Method: REG/AUD; Prerequisite: CMSC 620 or consent of instructor. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2352) Nau, D

CMSC828R (PermReq) Advanced Topics in Information Processing: Connectionist Models of Intelligent Systems; Grade Method: REG/AUD; 3 credits
0101 Th.....2:00pm- 5:15pm (JUL 1105) Reggia, J

CMSC828S (PermReq) Advanced Topics in Information Processing: Advanced Topics in Database Systems; Grade Method: REG/AUD; Prerequisite: CMSC 624 or consent of instructor. 3 credits
0101 W.....2:30pm- 5:00pm (JUL 1105) Sellis, T

CMSC838A (PermReq) Advanced Topics in Programming Languages; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CMSC838F (PermReq) Advanced Topics in Programming Languages: Document Preparation Systems; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0102) Furuta, R

CMSC838J Advanced Topics in Programming Languages: Advanced Topics in Languages, Translators and Environments; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0102) Johnson, G

CMSC838R (PermReq) Advanced Topics in Programming Languages: Software Requirements Specification; Grade Method: REG/AUD; Prerequisites: CMSC 435 or permission of instructor. 3 credits
0101 M.....9:00am-11:30am (CSS 2330) Rombach, H

CMSC858A (PermReq) Advanced Topics in Theory of Computing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CMSC878A (PermReq) Advanced Topics in Numerical Methods; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CMSC878B (PermReq) Advanced Topics in Numerical Methods: Numerical Analysis I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 1311) Kellogg, R

CMSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

CNEC Consumer Economics (Human Ecology)

CNEC100 Introduction to Consumer Economics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0301 MWF.....12:00pm-12:50pm (MMH 1400) STAFF
0401 TuTh.....9:30am-10:45am (MMH 1400) STAFF

CNEC310 Consumer Economics and Public Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and 203. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 1304) Soberon-Ferrer,

CNEC396 Field Work and Analysis in Consumer Economics; Grade Method: S-F; Limited to department majors. 3-6 credits
0101 Time and room to be arranged Wagner, J

CNEC400 Research Methods; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MMH 0108) STAFF

CNEC410 Consumer Finance; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Course will be offered in fall only. Prerequisites: ECON 201 and 203. 3 credits
0101 MWF.....11:00am-11:50am (MMH 1304) Soberon-Ferrer,

CNEC431 The Consumer and the Law; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Limited to juniors and seniors only. 3 credits
0101 M.....6:00pm- 8:30pm (MMH 1400) Powell, C
0301 Tu.....6:00pm- 8:30pm (MMH 1400) Goldberg, F
0601 Th.....3:30pm- 6:00pm (MMH 1400) Brannigan, V

CNEC437 Consumer Behavior; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: PSYC 100 and SOCY 100. Limited to juniors and seniors only. 3 credits
0201 TuTh.....11:00am-12:15pm (ARM 0112) Ettenson, R
0301 Tu.....2:00pm- 4:30pm (ARM 0110) Morris, L

CNEC456 Product Liability and Government Regulation; Grade Method: REG/P-F/AUD; Course will not be offered in spring semester. 3 credits
0101 W.....3:00pm- 5:30pm (MMH 1304) Brannigan, V

CNEC457 Product Safety; Grade Method: REG/P-F/AUD; Course will not be offered in spring semester. 3 credits
0101 M.....6:00pm- 8:30pm (SKN 1113) Stone, E

CNEC488 (PermReq) Senior Honors Thesis; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

CNEC498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-4 credits

---

COOP Cooperative Education Program (Undergraduate Studies)

COOP098 Co-Op Work Experience I; Grade Method: S-F; Student must register for COOP 099 concurrently. Permission of Co-op Coordinator required. Obtain signature and more information at Experiential Learning Programs, 0119 Hornbake Library. For special fees, see the Financial Information section of the Schedule of Classes. No credit
0101 Time and room to be arranged Mintz, S

COOP099 Co-Op Work Experience II; Grade Method: S-F; Student must register for COOP 098 concurrently. Permission of Co-op co-ordinator required. Obtain signature and more information at Experiential Learning Programs, 0119 Hornbake Library. For special fees see the Financial Information section of the Schedule of Classes. No credit
0101 Time and room to be arranged Mintz, S

CRIM Criminology (Behavior & Social Sci)

CRIM220 Criminology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 1402) — Katzenelson, S
0201 MWF.....1:00pm- 1:50pm (TLF 0124) — Kazyaka, A
0301 MWF.....11:00am-11:50am (ASY 2203) — Kazyaka, A

CRIM300 Criminology Research Methods; Grade Method: REG; Prerequisite: CJUS 100, CRIM 220, and one of the following: SOCY 201, PSYC 200, ECON 451 or GVPT 422. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TYD 1102) — Brooks, L
0201 TuTh.....2:00pm- 3:15pm (TYD 1101) — Brooks, L

CRIM300A (PermReq) Criminology Research Methods; Grade Method: REG; Prerequisite: CJUS 100, CRIM 220, and one of the following: SOCY 201, PSYC 200, ECON 451 or GVPT 422. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 0221) — Loftin, C

CRIM359 (PermReq) Field Training in Criminology and Corrections; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: CRIM 220 and CRIM 450, majors only and consent of instructor. — 1-3 credits

CRIM360 Victimology; Grade Method: REG; Prerequisite: CRIM 220, or consent of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2208) — Young, V

CRIM386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Have junior standing by Aug 1986, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CRIM387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by Aug 1986, have a 3.2 cumulative GPA, earned a grade of 'A' in the course in which assisting. — 1-3 credits

CRIM388H (PermReq) Independent Reading Course in Criminology: Independant Reading in Criminology; Grade Method: REG; For honor students only. — 3 credits
0101 W.....3:00pm- 4:30pm (LEF 2220R) — Wellford, C
Time and room to be arranged DIS
0501 W.....3:00pm- 4:30pm (LEF 2220R) — Ingraham, B
Time and room to be arranged DIS

CRIM389H (PermReq) Independent Research in Criminology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: for honors students only. — 3 credits

CRIM399 (PermReq) Independent Study in Criminology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of criminology credits. — 1-3 credits

CRIM450 Juvenile Delinquency; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (ASY 2309) — Iovanni, L
0201 TuTh.....8:00am- 9:15am (LEF 2166) — Paternoster, R
0301 MWF.....2:00pm- 2:50pm (TYD 1101) — Iovanni, L

CRIM451 Crime and Delinquency Prevention; Grade Method: REG/P-F/AUD; Prerequisites: CRIM 220 or CRIM 450 or consent of instructor. — 3 credits
0101 MWF.....9:00am- 9:50am (ARM 0112) — Maida, P

CRIM452 Treatment of Criminals and Delinquents in the Community; Grade Method: REG/P-F/AUD; Prerequisites: CRIM 220 or CRIM 450 or consent of instructor. — 3 credits
0101 TuTh.....9:30am-10:45am (COL 3109) — Katzenelson, S

CRIM453 Institutional Treatment of Criminals and Delinquents; Grade Method: REG/P-F/AUD; Prerequisites: CRIM 220 or CRIM 450 or consent of instructor. — 3 credits
0101 TuTh..... 11:00am-12:15pm (TYD 1101) — Maida, P

CRIM454 Contemporary Criminological Theory; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220 and 450 and one additional course selected from CRIM 451, 452, or 453. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2208) — Maida, P

CRIM498A Selected Topics in Criminology: Women and Crime; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2100) — Young, V

CRIM498D Selected Topics in Criminology: Fundamental for Criminological Research; Grade Method: REG; — 3 credits
0101 M ..... 4:00pm- 6:45pm (LEF 1220) — Smith, D

CRIM652 Seminar in Juvenile Delinquency; Grade Method: REG; — 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1220) — Gottfredson, D

CRIM699 (PermReq) Special Criminological Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CRIM699A Special Criminological Problems: Labor Force Participation and Crime Causation; Grade Method: REG; — 3 credits
0101 Tu.....7:00pm- 9:30pm (LEF 1221) — Cantor, D

CRIM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CRIM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

DANC Dance (Arts and Humanities)

DANC100 Modern Dance I For Non-Majors; Grade Method: REG/P-F/AUD; — 2 credits
0101 MWF.....10:00am-10:50am (TEE 1115) LAB — Mayes, A
0102 MWF.....12:00pm-12:50pm (PKT 2102) LAB — Ryder, M
0103 MWF.....1:00pm- 1:50pm (PKT 2102) LAB — Ryder, M
0104 TuTh.....11:00am-12:15pm (TAA 1103) LAB — Ryder, M
0105 TuTh.....12:30pm- 1:45pm (TEE 1115) LAB — Haigler de Robl
0106 TuTh.....3:30pm- 4:45pm (TEE 1115) LAB — Ryder, M
0107 TuTh.....6:30pm- 7:30pm (TAA 1103) LAB — Mayes, A

DANC102 Rhythmic Training For Dance; Grade Method: REG/P-F/AUD; Majors have priority. Non-majors admitted on a space available basis. — 2 credits
0101 TuTh.....11:00am-12:15pm (TEE 1115) LAB — Johnson, I

DANC104 Modern Dance II For Non-Majors; Grade Method: REG/P-F/AUD; Prerequisite: DANC 100. — 2 credits
0101 MWF.....2:00pm- 2:50pm (PKT 2102) LAB — Ryder, M

DANC109 Improvisation I; Grade Method: REG/P-F/AUD; Majors have priority. Non-majors admitted on a space available basis. — 2 credits
0101 TuTh.....9:30am-10:45am (TEE 1115) LAB — Rosen, M

DANC124 Ballet I For Non-Majors; Grade Method: REG/P-F/AUD; — 2 credits
0101 MWF.....9:00am- 9:50am (PKT 2102) LAB — Druker, S
0102 MWF.....10:00am-10:50am (PKT 2102) LAB — Druker, S
0103 MWF.....11:00am-11:50am (PKT 2102) LAB — Druker, S

DANC127 Ballet II For Non-Majors; Grade Method: REG/P-F/AUD; Prerequisite: DANC 124. — 2 credits
0101 TuTh.....9:30am-10:45am (PKT 2102) LAB — Rutter, L

DANC128 (PermReq) Ballet I For Majors Only; Grade Method: REG/P-F/AUD; Non-majors admitted on a space available basis. — 2 credits
0101 TuTh.....2:00pm- 3:15pm (PKT 2102) LAB — Druker, S

DANC129 Ballet II For Majors Only; Grade Method: REG/P-F/AUD; Prerequisite: DANC 128. Non-majors admitted on a space available basis. — 2 credits
0101 TuTh.....11:00am-12:15pm (PKT 2102) LAB — Druker, S

DANC148 (PermReq) Modern Dance I For Majors Only; Grade Method: REG/P-F/AUD; Non-majors admitted on a space available basis. — 3 credits
0101 MWF.....11:00am-12:30pm (TAA 1103) LAB — Wiltz, A

DANC149 Modern Dance II For Majors Only; Grade Method: REG/P-F/AUD; Prerequisite: DANC 148. — 3 credits
0101 MWF.....12:30pm- 1:50pm (TAA 1103) LAB — Mayes, A

DANC158 (PermReq) Jazz I For Majors Only; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....12:30pm- 1:45pm (TAA 1103) LAB — Rutter, L

DANC171 Movement Integration; Grade Method: REG/P-F/AUD; — 2 credits
0101 MWF.....10:00am-10:50am (TAA 1103) — Rutter, L

DANC199 (PermReq) Dance Workshop I; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

DANC199A Dance Workshop I: Practicum in Choreography, Production, and Performance Tap Dance; Grade Method: REG/P-F/AUD; — 2 credits
1201 TuTh.....2:00pm- 3:15pm (TAA 1103) — STAFF

DANC200 Introduction to Dance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Lecture/discussion only - no studio activity. — 3 credits
0101 MWF.....11:00am-11:50am (TAA 1124) — Haigler de Robl
0201 MWF.....2:00pm- 2:50pm (TAA 1124) — Rutter, L
0301 TuTh.....12:30pm- 1:45pm (TAA 1124) — Warren, L
0401 TuTh.....2:00pm- 3:15pm (TAA 1124) — Rosen, M

DANC208 Choreography I; Grade Method: REG/P-F/AUD; Prerequisites: DANC 102 and 109. — 3 credits
0101 MWF.....2:00pm- 2:50pm (TAA 1103) LAB — Warren, L

DANC210 Dance Production I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....3:30pm- 5:00pm (TEE 1115) — Jackson, P

DANC228 Ballet III; Grade Method: REG/P-F/AUD; Prerequisite: DANC 129 or audition. — 2 credits
0101 TuTh.....12:30pm- 1:45pm (PKT 2102) LAB — Druker, S

DANC229 Ballet IV; Grade Method: REG/P-F/AUD; Prerequisite: DANC 228 or audition. — 2 credits
0101 TuTh.....12:30pm- 1:45pm (PKT 2102) LAB — Druker, S

DANC248 Modern Dance III For Majors Only; Grade Method: REG/P-F/AUD; Prerequisite: DANC 149 or audition. — 3 credits
0101 MWF.....11:00am-12:20pm (TEE 1115) LAB — Warren, A

DANC249 Modern Dance IV; Grade Method: REG/P-F/AUD; Prerequisite: DANC 248 or audition. — 3 credits
0101 MWF.....12:30pm- 1:50pm (TEE 1115) LAB — Hall, J

DANC258 (PermReq) Jazz II; Grade Method: REG/P-F/AUD; Prerequisite: DANC 154 or 158 and 104 or 149. Majors have priority, non-majors admitted on a space available basis. — 2 credits
0101 TuTh.....3:30pm- 4:45pm (TAA 1103) LAB — Hall, J

DANC266 Dance Notation I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TEE 1115) — Warren, A

DANC299 (PermReq) Dance Workshop II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 199. — 1-2 credits

DANC299A Dance Workshop II: Practicum Perf Line Dance; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....3:30pm- 5:30pm (PKT 2102) — Keech, M

DANC305 Principles of Teaching Dance; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TAA 1124) LAB — Haigler de Robl

DANC348 Modern Dance V; Grade Method: REG/P-F/AUD; Prerequisite: DANC 249 or audition. — 3 credits
0101 MWF.....2:00pm- 3:20pm (TEE 1115) LAB — Butler, E

DANC349 Modern Dance VI; Grade Method: REG/P-F/AUD; Prerequisite: DANC 348. — 3 credits
0101 MWF.....2:00pm- 3:20pm (TEE 1115) LAB — Butler, E

DANC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

DANC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

DANC388 Choreography III; Grade Method. REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TAA 1116) LAB — Rosen, M

DANC398 (PermReq) Directed Studies in Dance; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

DANC399 (PermReq) Dance Workshop III; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 299. — 1-2 credits

DANC410 Dance Production II; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Jackson, P

DANC468 (PermReq) Modern Repertory; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....3:30pm- 4:15pm (TAA 1103) LAB — Hall, J

DANC483 History of Dance II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (TAA 1124) — Warren, L

DANC489 (PermReq) Special Topics in Dance: Seminar in Ethnomusicology; Grade Method: REG/P-F/AUD; — 3 credits
0101 — Robertson, C

DANC499 (PermReq) Dance Workshop IV: Practicum; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 399. — 1-6 credits

---

ECON Economics (Behavior & Social Sci)

ECON105 Economics of Social Problems; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have previously earned 6 or more credits in economics. — 3 credits
0101 TuTh.....11:00am-12:15pm (SHM 2101) — Straszheim, M

ECON201 Principles of Economics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have credit for ECON 205. — 3 credits
0101 MWF.....9:00am- 9:50am (TYD 0101) — STAFF
0201 MWF.....8:00am- 8:50am (TYD 1128) — STAFF
0301 MWF.....12:00pm-12:50pm (TYD 1114) — STAFF
0401 MWF.....12:00pm-12:50pm (TYD 2110) — STAFF
0501 MWF.....10:00am-10:50am (WDS 0104) — Huh, G
0601 MWF.....2:00pm- 2:50pm (TYD 1128) — STAFF
0701 TuTh.....8:00am- 9:15am (WDS 1101) — STAFF
0801 TuTh.....3:30pm- 4:45pm (WDS 0104) — STAFF
0901 TuTh.....2:00pm- 3:15pm (WDS 1114) — STAFF
1001 TuTh.....12:30pm- 1:45pm (WDS 0104) — STAFF
1101 MWF.....1:00pm- 1:50pm (TYD 1114) — STAFF
1201 MWF.....11:00am-11:50am (WDS 1101) — STAFF
1301 MWF.....1:00pm- 1:50pm (TYD 1128) — STAFF
1401 MWF.....3:00pm- 3:50pm (TYD 1128) — STAFF
1501 TuTh.....2:00pm- 3:15pm (WDS 0104) — STAFF
1601 TuTh.....9:30am-10:45am (TYD 1132) — STAFF
1701 TuTh.....8:00am- 9:15am (TYD 1101) — STAFF
1801 TuTh.....3:30pm- 4:45pm (TYD 1114) — STAFF
1901 MWF.....9:00am- 9:50am (LEF 1221) — STAFF
2001 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
M.....10:00am-10:50am (JRN 1105) DIS
2002 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
W.....11:00am-11:50am (TYD 1132) DIS
2003 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
W.....11:00am-11:50am (LEF 1222) DIS
2004 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
F.....9:00am- 9:50am (ZOP 1234) DIS
2005 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
W.....2:00pm- 2:50pm (MPH 1304) DIS
2006 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
W.....1:00pm- 1:50pm (LEF 1220) DIS
2007 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
M.....10:00am-10:50am (JRN 1104) DIS
2009 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
F.....10:00am-10:50am (LEF 1222) DIS
2010 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
W.....10:00am-10:50am (LEF 1222) DIS
2011 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
M.....11:00am-11:50am (HJP 1229) DIS
2014 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
F.....10:00am-10:50am (PHY 1219) DIS
2015 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
F.....2:00pm- 2:50pm (TYD 1132) DIS
2016 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
F.....11:00am-11:50am (TYD 1132) DIS
2017 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
W.....10:00am-10:50am (ARC 1127) DIS
2018 TuTh.....10:00am-10:50am (TYD 0130) — Brechling, F
F.....9:00am- 9:50am (TYD 2110) DIS
2102 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
M.....9:00am- 9:50am (TYD 1132) DIS
2103 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
F.....10:00am-10:50am (TYD 2100) DIS
2104 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
M.....12:00pm-12:50pm (LEF 1208) DIS
2106 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
M.....10:00am-10:50am (LEF 1222) DIS
2108 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
M.....1:00pm- 1:50pm (JRN 1105) DIS
2109 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
F.....12:00pm-12:50pm (TYD 2100) DIS
2110 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
W.....9:00am- 9:50am (TYD 1132) DIS
2111 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
F.....9:00am- 9:50am (LEF 1222) DIS
2112 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
W.....9:00am- 9:50am (LEF 1222) DIS
2113 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
M.....9:00am- 9:50am (TYD 2100) DIS
2114 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
F.....1:00pm- 1:50pm (TYD 1132) DIS
2115 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
F.....9:00am- 9:50am (SYM 2109) DIS
2116 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
M.....10:00am-10:50am (TYD 0100) DIS
2118 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
W.....12:00pm-12:50pm (ARC 1127) DIS
2119 MW.....11:00am-11:50am (TYD 0130) — Wonnacott, P
F.....11:00am-11:50am (TYD 2100) DIS
2200 MWF.....10:00am-10:50am (ARM 0116) — STAFF
2201 MWF.....10:00am-10:50am (ASY 3221) — STAFF

ECON203 Principles of Economics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students are advised to take ECON 201 before ECON 203. — 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 2108) — STAFF
0201 MWF.....10:00am-10:50am (TYD 2110) — STAFF
0301 MWF.....1:00pm- 1:50pm (TYD 0101) — STAFF
0401 MWF.....11:00am-11:50am (WDS 0104) — STAFF
0501 MWF.....1:00pm- 1:50pm (TYD 2110) — STAFF
0601 TuTh.....5:00pm- 6:15pm (TYD 0101) — STAFF
0701 MWF.....11:00am-11:50am (WDS 1114) — STAFF
0801 TuTh.....8:00am- 9:15am (TYD 1114) — STAFF
0901 TuTh.....8:00am- 9:15am (WDS 0104) — STAFF
1001 TuTh.....3:30pm- 4:45pm (TYD 0101) — STAFF
1101 TuTh.....2:00pm- 3:15pm (TYD 1132) — STAFF
1201 TuTh.....8:00am- 9:15am (TYD 0101) — STAFF
1301 MWF.....9:00am- 9:50am (TYD 1128) — STAFF
1401 MWF.....8:00am- 8:50am (TYD 1114) — STAFF
1501 TuTh.....11:00am-12:15pm (TYD 1128) — STAFF
1601 MWF.....2:00pm- 2:50pm (TYD 0101) — STAFF
1701 MWF.....10:00am-10:50am (TYD 1128) — STAFF
1801 TuTh.....3:30pm- 4:45pm (TYD 1128) — STAFF
2101 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
M.....11:00am-11:50am (LEF 1222) DIS
2102 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
M.....1:00pm- 1:50pm (ZOP 1124) DIS
2103 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
M.....9:00am- 9:50am (JRN 1105) DIS
2104 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
F.....10:00am-10:50am (PHY 1221) DIS
2105 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
F.....9:00am- 9:50am (MHH 0108) DIS
2106 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
F.....11:00am-11:50am (WDS 1130) DIS
2107 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
W.....1:00pm- 1:50pm (HZF 1101) DIS
2108 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
F.....12:00pm-12:50pm (LEF 1208) DIS
2109 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
W.....11:00am-11:50am (WDS 1130) DIS
2110 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
W.....10:00am-10:50am (JRN 1104) DIS
2111 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
M.....1:00pm- 1:50pm (ARM 0105) DIS
2113 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
F.....9:00am- 9:50am (TYD 1132) DIS
2114 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
F.....1:00pm- 1:50pm (TYD 1108) DIS
2116 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
W.....9:00am- 9:50am (TYD 2100) DIS
2117 TuTh.....2:00pm- 2:50pm (TYD 0130) — Weinstein, P
F.....12:00pm-12:50pm (TYD 1132) DIS

ECON205 Fundamentals of Economics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have credit for ECON 201. — 3 credits
0701 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
Th.....2:00pm- 2:50pm (PHY 4208) DIS
0702 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
F.....8:00am- 8:50am (TYD 2100) DIS
0703 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
F.....9:00am- 9:50am (TYD 2100) DIS
0704 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
F.....12:00pm-12:50pm (COL 0100) DIS
0705 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
M.....1:00pm- 1:50pm (TYD 2100) DIS
0706 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
F.....1:00pm- 1:50pm (LEF 1208) DIS
0707 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
F.....2:00pm- 2:50pm (TYD 1114) DIS
0708 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
F.....10:00am-10:50am (TYD 1132) DIS
0709 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
W.....10:00am-10:50am (TYD 1132) DIS
0710 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
W.....1:00pm- 1:50pm (ARC 1103) DIS
0711 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
W.....8:00am- 8:50am (TYD 1132) DIS
0712 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
F.....11:00am-11:50am (LEF 1222) DIS
0713 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
F.....3:00pm- 3:50pm (TYD 2100) DIS
0714 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
W.....2:00pm- 2:50pm (JRN 1105) DIS
0715 MW.....9:00am- 9:50am (TYD 0130) — Adams, J
M.....10:00am-10:50am (TYD 1132) DIS

ECON301 Current Issues in American Economic Policy; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201 or ECON 205. — 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 0117) — McPherson, N
0201 MWF.....2:00pm- 2:50pm (TYD 1102) — McPherson, N

ECON310 Evolution of Modern Capitalism in Western Europe and the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MWF.....11:00am-11:50am (TYD 0117) — Rossman, J
0201 MWF.....10:00am-10:50am (SHM 2102) — Rossman, J

ECON311 American Economic Development; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisites: ECON 201 and 203; or ECON 205. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 0117) — Wallis, J

ECON361 Economics of American Industries; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203; or ECON 205. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2111) — Kessides, I

ECON370 Labor Markets, Human Resources, and Trade Unions; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203; or ECON 205. Credit will be given for only one course: ECON 370 or ECON 470. — 3 credits

ENROLLMENTS IN ALL 300 & 400 LEVEL ECON COURSES WILL GENERALLY BE LIMITED TO ONE COURSE. REQUESTS TO TAKE MORE THAN ONE 300 OR 400 LEVEL ECON COURSE, BASED ON ECON COURSE REQUIREMENTS NEEDED FOR DECEMBER 1987 GRADUATION MUST BE APPROVED BY THE DEPARTMENT OF ECONOMICS. COMPLETION OF PREREQUISITE REQUIREMENTS WILL BE EXPECTED. SEE UNDERGRADUATE CATALOG COURSE LISTINGS FOR PREREQUISITES.

0201 TuTh.....11:00am-12:15pm (TYD 2106) Shea, M
0301 TuTh.....9:30am-10:45am (TYD 1114) Weinstein, P
0401 MWF.....2:00pm- 2:50pm (TYD 2106) Evans, W

ECON374 Sex Roles in Economic Life; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TYD 0117) Grubbs, T
0201 MWF.....1:00pm- 1:50pm (ARM 0117) Patterson, L

ECON375 Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MRH 1400) Myers, S

ECON385 Economics of Natural Resources; Grade Method: REG/P-F/AUD; Prerequisites: ECON 205 or ECON 203. — 3 credits
0101 MWF.....9:00am- 9:50am (TYD 1114) Cumberland, J

ECON396 Independent Honors Study; Grade Method: REG/P-F/AUD; Prerequisite: candidacy for honors in economics or by permission of instructor. — 3 credits
0101 Tu.....3:30pm- 6:00pm (TYD 2100) Oates, W

ECON397 Honors Thesis; Grade Method: REG/P-F/AUD; Prerequisites: ECON 396 and candidacy for honors in economics. — 3 credits
0101 Time and room to be arranged Straszheim, M

ECON399 Individual Reading and Research For Undergraduates; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses. — 3 credits

ECON401 National Income Analysis; Grade Method: REG/P-F/AUD; Credit will be given for only one course: ECON 401 or ECON 405. Prerequisites: ECON 201 and 203. — 3 credits
0101 MWF.....10:00am-10:50am (TYD 2106) McPherson, N
0201 TuTh.....12:30pm- 1:45pm (TYD 2106) STAFF
0301 MWF.....8:00am- 8:50am (TYD 2106) STAFF
0401 MWF.....9:00am- 9:50am (TYD 2111) STAFF
0501 MWF.....11:00am-11:50am (TYD 2111) Haliassos, M
0601 TuTh.....2:00pm- 3:15pm (TYD 2111) Ouliaris, S
0701 TuTh.....12:30pm- 1:45pm (TYD 1140) Harris Jr, C
0801 TuTh.....11:00am-12:15pm (TYD 1114) Ouliaris, S
0901 MWF.....2:00pm- 2:50pm (TYD 2111) Wonnacott, P

ECON402 Business Cycles; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ECON 430. — 3 credits
0101 Tu.....6:30pm- 9:00pm (TYD 1128) Sabelhaus, J
0201 MWF.....10:00am-10:50am (WDS 1114) Hiemstra, C

ECON403 Intermediate Price Theory; Grade Method: REG/P-F/AUD; Credit will be given for only one course: ECON 403 or ECON 406. Prerequisites: ECON 201 and ECON 203 — 3 credits
0101 MWF.....11:00am-11:50am (TYD 2106) STAFF
0201 TuTh.....11:00am-12:15pm (ARC 1105) Zeck, M
0301 TuTh.....8:00am- 9:15am (TYD 1102) STAFF
0401 MWF.....12:00pm-12:50pm (TYD 2111) Burgess, J
0501 TuTh.....12:30pm- 1:45pm (TYD 2111) STAFF
0601 MWF.....9:00am- 9:50am (TYD 1102) Burgess, J
0701 MWF.....10:00am-10:50am (TYD 2111) Burgess, J
0801 TuTh.....11:00am-12:15pm (ARM 0116) STAFF

ECON406 Intermediate Micro-economic Theory; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201, ECON 203 and MATH 220 or its equivalent. Credit will be given for only one course: ECON 403 or ECON 406. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TYD 2111) Peskin, H

ECON415 Introduction to Economic Development of Underdeveloped Areas; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and ECON 203; or ECON 205. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0101) Zeck, M
0201 MWF.....10:00am-10:50am (TYD 0101) Iqbal, S
0301 MWF.....11:00am-11:50am (TYD 0101) Iqbal, S
0401 TuTh.....2:00pm- 3:15pm (TYD 1114) Zeck, M

ECON421 Economic Statistics; Grade Method: REG/P-F/AUD; Prerequisite: MATH 110 or equivalent. Not open to students who have taken BMGT 230 or BMGT 231. — 3 credits
0101 TuTh.....9:30am-10:45am (SKN 0124) Cropper, M
0201 TuTh.....11:00am-12:15pm (TYD 0101) Betancourt, R
0301 MWF.....11:00am-11:50am (TYD 2110) Malik, A

ECON422 Quantitative Methods in Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201, ECON 203, and ECON 421 (or BMGT 230); or permission of instructor. — 3 credit
0101 TuTh.....12:30pm- 1:45pm (TYD 0101) Prucha, I

ECON425 Mathematical Economics; Grade Method. REG/P-F/AUD; Prerequisites: ECON 401, ECON 403, and one year of college math. — 3 credits
0201 TuTh.....12:30pm- 1:45pm (TYD 1114) STAFF

ECON430 Money and Banking; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 430 or ECON 431. — 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 0130) Meyer, P
0401 MWF.....12:00pm-12:50pm (TYD 2106) Huh, G
0501 MWF.....10:00am-10:50am (TYD 1114) Anderson, G
0601 MWF.....11:00am-11:50am (TYD 1114) Huh, G

ECON440 International Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 440 or ECON 441. — 3 credits
0101 TuTh.....11:00am-12:15pm (COL 3110) Fahim-Nader, M
0201 MWF.....9:00am- 9:50am (TYD 2106) Rodgers, L
0301 TuTh.....2:00pm- 3:15pm (TYD 2106) Fahim-Nader, M
0401 MWF.....2:00pm- 2:50pm (TYD 1140) Rodgers, L
0501 TuTh.....3:30pm- 4:45pm (TYD 2111) Fahim-Nader, M

ECON441 Theory of International Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 401 or ECON 405 and ECON 403 or ECON 406. Credit will be given for only one course: ECON 440 or ECON 441. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1128) Panagariya, A

ECON450 Introduction to Public Sector Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. Credit will be given for only one course: ECON 450 or ECON 454. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MRH 0108) Minarik, J
0201 MWF.....11:00am-11:50am (TYD 1128) Lyons, A

ECON460 Industrial Organization; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2110) Kessides, I

ECON465 Health Care Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and 203, or 205. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2110) Aaron, H

ECON490 Survey of Urban Economic Problems and Policies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and ECON 203; or ECON 205. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2111) Straszheim, M

ECON601 Macro-economic Analysis; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1132) Haltiwanger, J
Th.....6:30pm- 8:30pm (TYD 2111) DIS
0201 MW.....8:30am- 9:45am (TYD 2110) Brechling, F
F.....1:00pm- 3:00pm (TYD 2100) DIS

ECON603 Micro-economic Analysis I; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....8:30am- 9:45am (TYD 2106) Betancourt, R
Tu.....3:30pm- 4:45pm (TLF 1102) DIS

ECON606 History of Economic Thought; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2110) Dillard, D

ECON611 Seminar in American Economic Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 1132) Wallis, J

ECON615 Economic Development of Underdeveloped Areas; Grade Method: REG/AUD; Prerequisite: ECON 601 and 603. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 0101) Clague, C

ECON621 Quantitative Economics I; Grade Method: REG/AUD; — 3 credits
0201 TuTh.....12:30pm- 1:45pm (TYD 1132) Kelejian, H
M.....4:00pm- 5:30pm (TYD 1128) DIS

ECON623 Econometrics I; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 1132) Prucha, I
M.....5:00pm- 6:15pm (TYD 1132) DIS

ECON661 The Corporate Firm; Grade Method: REG/AUD; Prerequisites: ECON 603, 622 or 624. — 3 credits
0101 F.....2:00pm- 4:30pm (TYD 0111) Mueller, D

ECON698 (PermReq) Selected Topics in Economics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ECON698G Selected Topics in Economics: Sloan Workshop; Grade Method: REG/AUD; — 3 credits
0101 M.....3:30pm- 6:00pm (TYD 2106) Oates, W

ECON698M Selected Topics in Economics: Workshop in Applied Economics; Grade Method: REG/AUD; — 3 credits
0101 W.....3:30pm- 6:00pm (TYD 1114) Olson, M

ECON698P Selected Topics in Economics: Workshop in Trade and Development; Grade Method: REG/AUD; — 3 credits
0101 F.....3:30pm- 6:00pm (TYD 2106) Adams, J

ECON698Q Selected Topics in Economics: Political Economy of South Asia; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:40pm (TYD 1132) Adams, J

ECON721 Econometrics III; Grade Method: REG/AUD; Prerequisite: ECON 624. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (TYD 2110) Kelejian, H

ECON731 Monetary Theory and Policy; Grade Method: REG/AUD; Prerequisite: ECON 601 and 603. — 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 2140) Haliassos, M

ECON742 Advanced International Economics II; Grade Method: REG/AUD; Advanced Special Students are not permitted. Prerequisite: ECON 603. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 2110) Panagariya, A

ECON751 Advanced Theory of Public Finance; Grade Method: REG/AUD; Prerequisite: ECON 601 and 603. — 3 credits
0101 MW.....10:45am-12:00pm (TYD 2140) Oates, W

ECON755 Theory of Public Choice I; Grade Method: REG/AUD; Prerequiste: ECON 603. — 3 credits
0101 F.....10:00am-12:30pm (TYD 2140) Mueller, D

ECON781 Advanced Environmental Economics; Grade Method: REG/AUD; Prerequisite: ECON 603 and 621. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1128) Cropper, M

ECON799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ECON899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDCI Curriculum and Instruction (Education)

EDCI280 School Service Semester; Grade Method: S-F; — 3 credits
0101 Tu.....2:00pm- 2:50pm (EDU 0210) Delorenzo, W
Time and room to be arranged
0201 W.....11:00am-11:50am (EDU 0210) Amershek, K
Time and room to be arranged
0301 M.....11:00am-11:50am (EDU 0210) Amershek, K
Time and room to be arranged
0401 Th.....2:00pm- 2:50pm (EDU 0210) Delorenzo, W
Time and room to be arranged

EDCI288D (PermReq) Special Topics in Teacher Education: Developmental Heuristics; Grade Method: REG; — 3 credits
0101 Time and room to be arranged Grant, R
0201 Time and room to be arranged Grant, R

EDCI288M (PermReq) Special Topics in Teacher Education: Tutoring in Remedial Mathematics; Grade Method: REG/P-F/AUD; — 1-3 credits
0101 M.....4:00pm- 4:50pm (Arranged) Shearn, E

EDCI298 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI300 Curriculum and Instruction in Art Education; Grade Method: REG/P-F/AUD; Art education majors only. — 3 credits
0101 Tu.....1:00pm- 4:00pm (EDU 1315) Craig, R

EDCI301 Teaching Art in the Elementary School; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....1:00pm- 4:00pm (EDU 1315) McWhinnie, H

EDCI313 Creative Activities and Materials for the Young Child; Grade Method: REG/P-F/AUD; Field experiences scheduled on Monday and Wednesday. Blocked with EDCI 314, 318, 488B, EDHD 419A. Early childhood majors only. — 3 credits
0101 Tu.....1:00pm- 3:00pm (EDU 1107) STAFF
Time and room to be arranged

EDCI314 Teaching Language, Reading, Drama and Literature with Young Children; Grade Method: REG/P-F/AUD; Field experience scheduled on Monday and Wednesday. Blocked with EDCI 313, 318, 488B, EDHD 419A. Early childhood education majors only. — 3 credits
0101 Th.....9:00am-10:45am (EDU 1107) Wright, J
Time and room to be arranged

EDCI318 Professional Development Seminar in Early Childhood Education; Grade Method: REG/P-F/AUD; Field experience scheduled for Monday and Wednesday. Blocked with EDCI 313, 314, 488B, EDHD 419A. Early childhood education majors only. — 2 credits
0101 M.....1:00pm- 3:45pm (EDU 1107) Amershek, K
Time and room to be arranged
0201 Th.....1:00pm- 3:45pm (EDU 1107) Amershek, K
Time and room to be arranged

EDCI320 Curriculum and Instruction in Secondary Education: Social Studies; Grade Method: REG/P-F/AUD; Secondary educaton social studies majors only. — 3 credits
0101 MW.... ...2:00pm- 3:15pm (LEF 1220) Farrell, R

EDCI322A Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG/P-F/AUD; Teamed with EDCI 342A, 352A, 362A, and 372A. Elementary education majors only. — 3 credits
0101 M.....10:00am-11:50am (EDU 2212) Weaver, V
Time and room to be arranged

EDCI322B Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG/P-F/AUD; Teamed with EDCI 342B, 352B, 362B, and 372B. Elementary education majors only. — 3 credits
0201 Tu.....1:00pm- 3:00pm (EDU 2212) Jantz, R
Time and room to be arranged

EDCI322C (PermReq) Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG/P-F/AUD; Teamed with EDCI 342C, 352C, 372C, 362C. Elementary education majors only. — 3 credits
0301 M.....1:00pm- 3:00pm (EDU 0210) Herman Jr., W
Time and room to be arranged LAB

EDCI330 Curriculum and Instruction in Secondary Education: Foreign Language; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EDU 2102) Delorenzo, W

EDCI340 Curriculum and Instruction in Secondary Education: English/Speech/Drama; Grade Method: REG/P-F/AUD; Concurrent enrollment in EDCI 447 required. Secondary English/speech/drama education majors only. — 3 credits
0101 TuTh.....4:15pm- 5:30pm (JMZ 2125) McCaleb, J

EDCI342A Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD; Teamed with EDCI 352A, 362A, 372A, and 322A. Elementary education majors only; — 3 credits
0101 W.....1:00pm- 2:50pm (EDU 0114) Heidelbach, R
Time and room to be arranged LAB

EDCI342B Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD; Teamed with EDCI 352B, 362B, 372B, 322B. Elementary education majors only. — 3 credits
0201 TuTh.....8:30am- 9:20am (EDU 2101) Mauro, M
Time and room to be arranged

EDCI342C (PermReq) Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 352C, 362C, 372C. Elementary education majors only. — 3 credits
0301 W.....10:00am-12:00pm (EDU 1121) Heidelbach, R
Time and room to be arranged LAB

EDCI350 Curriculum and Instruction in Secondary Education: Mathematics; Grade Method: REG; Secondary math education majors only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 2121) Johnson, M

EDCI352A Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD; Teamed with EDCI 342A, 362A, 372A, 322A. Elementary education majors only. — 3 credits
0101 W.....10:00am-11:50am (EDU 2121) Johnson, M
Time and room to be arranged

EDCI352B Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD; Teamed with EDCI 342B, 362B, 372B, 322B. Elementary education majors only. — 3 credits
0201 Tu.....9:30am-11:20am (EDU 2121) Graeber, A
Time and room to be arranged

EDCI352C (PermReq) Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 342C, 362C, 372C. Elementary education majors only. — 3 credits
0301 M.....10:00am-12:00pm (EDU 1121) Campbell, P
Time and room to be arranged LAB

EDCI362A Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD; Teamed with EDCI 322A, 342A, 352A, 372A. Elementary education majors only. — 3 credits
0101 MW.....9:00am- 9:50am (EDU 1315) Garner, R
Time and room to be arranged

EDCI362B Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD; Teamed with EDCI 322B, 342B, 352B, 372B. Elementary education majors only. — 3 credits
0201 Th.....9:30am-11:20am (EDU 1121) Wilson, R
Time and room to be arranged

EDCI362C (PermReq) Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 342C, 352C, 372C. Elementary education majors only. — 3 credits
0301 MW.....9:00am- 9:50am (EDU 1107) Thompson, J
Time and room to be arranged LAB

EDCI370 Curriculum and Instruction in Secondary Education: Science; Grade Method: REG/P-F/AUD; Reserve one day per week for school observations. Secondary education science majors only; — 3 credits
0101 TuTh.....2:00pm- 3:50pm (EDU 0220) Sanford, J

EDCI372A Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD; Teamed with EDCI 322A, 342A, 352A, 362A. Elementary education majors only. — 3 credits
0101 M.....1:00pm- 2:50pm (EDU 2212) Eley Jr, G
Time and room to be arranged

EDCI372B Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD; Teamed with EDCI 322B, 342B, 352B, 362B. Elementary education majors only. — 3 credits
0201 Th.....1:00pm- 2:50pm (EDU 2212) Williams, D
Time and room to be arranged

EDCI372C (PermReq) Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD; Teamed with EDCI 322C, 342C, 352C, 362C. Elementary education majors only. — 3 credits
0301 W.....1:00pm- 3:00pm (EDU 0220) Holliday, W
Time and room to be arranged LAB

EDCI386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDCI387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDCI390 Principles and Methods of Secondary Education; Grade Method: REG/P-F/AUD; 16 week course. Concurrent registration required in EDCI 390A. Open to secondary education majors. Open also to majors 0803C, 0803G, 0803H, 0839B, 0839C, 0835O, 0837O, 0838O. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1107) Arends, R
0201 Th.....7:00pm- 9:45pm (EDU 1107) Brigham, B

EDCI390A Principles and Methods of Secondary Education Discussion; Grade Method: NGI; Concurrent registration required in EDCI 390. Discussions will meet five times during the semester. — No credit
0101 M.....4:15pm- 7:00pm (Arranged) DIS Arends, R
0201 W.....7:00pm- 9:45pm (Arranged) DIS Arends, R
0301 Tu.....1:00pm- 4:00pm (Arranged) DIS Arends, R
0401 Th.....9:00am-12:00pm (Arranged) DIS Arends, R
0501 W.....11:00am- 2:00pm (Arranged) DIS Arends, R

EDCI397 Principles and Methods of Teaching; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 1121) Borko, H

EDCI401 Student Teaching in Elementary School: Art; Grade Method: S-F; Limited to elementary art majors who have previously applied. — 4-8 credits
0101 Time and room to be arranged Craig, R

EDCI402 Student Teaching in Secondary Schools: Art; Grade Method: S-F; — 2-8 credits
0101 Time and room to be arranged Craig, R

EDCI406 Practicum in Art Education: Two-Dimensional; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1315) Craig, R

EDCI407 Practicum in Art Education: Three-Dimensional; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1315) Craig, R

EDCI410 The Child and the Curriculum: Early Childhood; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1121) Saracho, O

EDCI411 Student Teaching: Preschool; Grade Method: S-F; — 4 credits
0101 Time and room to be arranged Jantz, R

EDCI412 Student Teaching: Kindergarten; Grade Method: S-F; — 4 credits
0101 Time and room to be arranged Jantz, R

EDCI413 Student Teaching: Primary Grades; Grade Method: S-F; EDCI 411 and EDCI 412 are prerequisites. — 8 credits
0101 Time and room to be arranged Jantz, R

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; Grade Method: S-F; — 3 credits

ENROLLMENTS IN ALL 300 & 400 LEVEL ECON COURSES WILL GENERALLY BE LIMITED TO ONE COURSE. REQUESTS TO TAKE MORE THAN ONE 300 OR 400 LEVEL ECON COURSE, BASED ON ECON COURSE REQUIREMENTS NEEDED FOR DECEMBER 1987 GRADUATION MUST BE APPROVED BY THE DEPARTMENT OF ECONOMICS. COMPLETION OF PREREQUISITE REQUIREMENTS WILL BE EXPECTED. SEE UNDERGRADUATE CATALOG COURSE LISTINGS FOR PREREQUISITES.

0101 M.....4:15pm- 7:00pm (LEF 1210) Cirrincione, J

EDCI421 Student Teaching in Secondary Schools: Social Studies; Grade Method: S-F; — 12 credits
0101 Time and room to be arranged — Cirrincione, J

EDCI426 Methods of Teaching Social Studies in Secondary Schools; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Farrell, R

EDCI434 Methods of Teaching English to Speakers of Other Languages; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0202) Markham, P

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Drama; Grade Method: S-F; Must be concurrently enrolled in EDCI 441 or 442. Meets Sept. 23, Oct. 21, Nov. 18, Dec. 9. — 1 credit
0101 W.....2:30pm- 4:00pm (EDU 1315) STAFF
Time and room to be arranged

EDCI441 Student Teaching in Secondary Schools: English; Grade Method: S-F; Concurrent registration in EDCI 440 is required. — 12 credits
0101 Time and room to be arranged — STAFF

EDCI442 Student Teaching in Secondary Schools: Speech; Grade Method: S-F; Concurrent registration with EDCI 440 is required. — 12 credits
0101 Time and room to be arranged — STAFF

EDCI443 Literature for Children and Youth; Grade Method: REG/P-F/AUD; Section 0201 recommended for pre and regular education majors only. — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0115) Williams, H
0201 TuTh.....9:30am-10:45am (EDU 2119) Heidelbach, R

EDCI447 Field Experience in English, Speech, Drama Teaching; Grade Method: S-F; Concurrent enrollment in EDCI 340 required. Secondary English/speech/drama education majors only. — 1 credit
0101 Time and room to be arranged — STAFF

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2121) Davidson, N

EDCI451 Student Teaching in Secondary Schools: Mathematics; Grade Method: S-F; — 12 credits
0101 Time and room to be arranged — Davidson, N

EDCI453 (PermReq) Mathematics in the Elementary School; Grade Method: REG/P-F/AUD; Masters Certification students only. — 3 credits
0101 Th.....9:00am-12:00pm (EDU 2121) Campbell, P

EDCI456 Diagnosis of Learning Disabilities in Mathematics; Grade Method: REG/P-F/AUD; For special education majors only. — 3 credits
0101 MW.....1:15pm- 2:30pm (EDU 2121) STAFF

EDCI463 The Teaching of Reading in the Secondary School; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1121) Brigham, B
0201 Th.....4:15pm- 7:00pm (EDU 1121) Davey, H

EDCI464 Clinical Practices in Reading Diagnosis and Instruction; Grade Method: REG/P-F/AUD; 0101 meets 5-6:30 on Sept. 16, 30, Oct. 21, Nov. 11; and MTuW 8-4 from Nov. 23 to Dec. 16. — 3 credits
0101 Time and room to be arranged — Saracho, O
0201 Time and room to be arranged — Dreher, J

EDCI471 Student Teaching in Secondary Schools: Science; Grade Method: S-F; Concurrent enrollment in EDCI 489B and 488F required. — 12 credits
0101 Time and room to be arranged — Layman, J

EDCI473 Environmental Education; Grade Method: REG/P-F/AUD; Open to non-education majors. — 3 credits
0101 W.....3:00pm- 6:00pm (EDU 0220) Messersmith, D

EDCI481 Student Teaching: Elementary; Grade Method: S-F; Limited to elementary majors who have previously applied. — 12 credits
0101 Time and room to be arranged — Jantz, R

EDCI482 Student Teaching in Elementary School: Special Education; Grade Method: S-F; — 8 credits
0101 Time and room to be arranged — Jantz, R

EDCI484 Student Teaching in Elementary School: Music; Grade Method: S-F; Limited to music education majors enrolled in the Department of Curriculum and Instruction who have previously applied. — 4-6 credits
0101 Time and room to be arranged — Folstrom, R

EDCI485 Student Teaching in Elementary School: Physical Education; Grade Method: S-F; Limited to majors who have previously applied. — 4-8 credits
0101 Time and room to be arranged — Young, J

EDCI488B Selected Topics in Teacher Education: Microcomputers in Early Childhood Education; Grade Method: REG/P-F/AUD; Blocked with EDCI 313, 314, 318, EDHD 419A, MUED 450; restricted to early childhood majors only. — 3 credits
0101 Th.....11:00am-12:00pm (EDU 1107) Gillingham, M
Th.....1:00pm- 3:45pm (EDU 0202) LAB
0102 Th.....11:00am-12:00pm (EDU 1107) Gillingham, M
M.....1:00pm- 3:45pm (EDU 1121) LAB

EDCI488F Selected Topics in Teacher Education: Computers in Science Education; Grade Method: REG/P-F/AUD; Concurrent enrollment in EDCI 471 and 489B required. — 2 credits
0101 Th.....5:15pm- 7:00pm (EDU 0220) Layman, J

EDCI488N Selected Topics in Teacher Education: Learning Styles and Learning Environments; Grade Method: REG; Meets USP Advanced Studies Development of knowledge requirement; Will meet Nov. 15, 9am-4pm. Limited to students with 75 credits or more. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0103) Herman Jr., W
0201 TuTh.....2:00pm- 3:15pm (EDU 2119) STAFF
0301 TuTh.....2:00pm- 3:15pm (JMZ 2117) Herman Jr., W

EDCI4880 Selected Topics in Teacher Education: Orientation to Early Childhood Teaching; Grade Method: REG; Field experience scheduled for Mondays and Wednesdays. Blocked with EDCI 313, 314, 318, 488B, EDHD 419A. Early childhood majors only. — 1 credit
0101 Time and room to be arranged — Amershek, K

EDCI488R Selected Topics in Teacher Education: Instructional Materials Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1104) Clabaugh, S

EDCI489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDCI489B Field Experiences in Education: Seminar for Science Student Teachers; Grade Method: REG/P-F/AUD; Must be concurrently enrolled in EDCI 471 and 488F. — 1 credit
0101 Th.....4:15pm- 5:15pm (EDU 0220) Layman, J

EDCI491 Student Teaching in Secondary Schools: Health; Grade Method: S-F; — 12 credits
0101 Time and room to be arranged — Miller, C

EDCI494 Student Teaching in Secondary Schools: Music; Grade Method: S-F; — 2-8 credits
0101 Time and room to be arranged — Folstrom, R

EDCI495 Student Teaching in Secondary Schools: Physical Education; Grade Method: S-F; — 2-8 credits
0101 Time and room to be arranged — Young, J

EDCI498 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI611 The Young Child in the Community; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2101) Amershek, K

EDCI614 Intellectual and Creative Experiences in Early Childhood Education; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2212) Williams, D

EDCI631 Testing in the Foreign Language/ESL Classroom; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 2102) Markham, P

EDCI650 Trends in Mathematics Education; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2121) Fey, J

EDCI653 Diagnosis and Treatment of Learning Disabilities in Mathematics I; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2121) Graeber, A

EDCI660 Corrective Reading Instruction; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0210) Davey, H

EDCI664 Clinical Assessment in Reading; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0202) Gambrell, L

EDCI666 The Role of the Reading Resource Teacher; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1121) Brigham, B

EDCI670 Trends in Secondary School Curriculum: Science; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2212) Krajcik, J

EDCI685 Research Methods; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 1203) Sanford, J

EDCI711 Education and Group Care of the Infant and Young Child; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1315) Fein, G

EDCI730 Theory and Research in Foreign Language/ESOL Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1203) Delorenzo, W

EDCI769 Theory and Research in Reading; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 0122) Dreher, J

EDCI788D Selected Topics in Teacher Education: Research in Computer Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0220) Krajcik, J

EDCI788I (PermReq) Selected Topics in Teacher Education: Teaching of Reading and Writing: Elementary and Secondary; Grade Method: REG; Masters certification students only. — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 1226) Garner, R

EDCI788J (PermReq) Selected Topics in Teacher Education: Study of Teaching: Elementary and Secondary; Grade Method: REG; Masters certification students only. — 3 credits
0101 M.....9:00am-12:00pm (EDU 2102) Mauro, M

EDCI788L (PermReq) Selected Topics in Teacher Education: Elementary Instruction in Content Area: Elementary; Grade Method: REG; Master's certification students only. — 3 credits
0101 W.....1:00pm- 4:00pm (EDU 0210) Eley Jr, G

EDCI788M Selected Topics in Teacher Education: Research Methods in Mathematics Education; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2121) Campbell, P

EDCI788N Selected Topics in Teacher Education: Doctoral Research Seminar in Science Education; Grade Method: REG/AUD; Meets every other Thursday. — 1 credit
0101 Th.....7:00pm- 9:00pm (EDU 0220) Holliday, W

EDCI788T Selected Topics in Teacher Education: Proseminar in Professional Training and Development; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1203) Brand, C

EDCI788W Selected Topics in Teacher Education: Research in Writing; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 0208) Slater, W

EDCI798 (PermReq) Special Problems in Teacher Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI858 Seminar in Mathematics Education; Grade Method: REG/AUD; — 1 credit
0101 F.....10:00am-12:00pm (EDU 2121) Fey, J

EDCI880 Doctoral Proposal Seminar; Grade Method: REG/AUD; — 3 credits
0101 W.....1:00pm- 4:00pm (EDU 1203) Jantz, R
0201 Th.....4:15pm- 7:00pm (JMZ 0202) Borko, H

EDCI888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCI889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCI899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDCP Education Counseling and Personnel Services (Education)

All sections of EDCP 108, except EDCP 108R, closed to seniors.

EDCP108B College Aims: Reading and Study Skills; Grade Method: REG/P-F/AUD; — 1 credit
0101 MW.....8:00am- 8:50am (SHM 2101) Van Brunt, J
0201 MW.....9:00am- 9:50am (SHM 2101) Van Brunt, J

EDCP108D College Aims: Career Planning and Decision Making; Grade Method: REG/P-F/AUD; Recommended for second semester freshmen and sophomores. — 1 credit
0101 M.....1:00pm- 3:00pm (EDU 1203) Cranston, P
0201 M.....2:00pm- 4:00pm (EDU 2203) Cranston, P
0301 Tu.....12:30pm- 2:30pm (EDU 1203) Cranston, P
0401 Tu.....2:00pm- 4:00pm (EDU 0202) Cranston, P
0501 W.....1:00pm- 3:00pm (EDU 2203) Cranston, P
Section 0501 recommended for students 23 years or older.
0601 W.....2:00pm- 4:00pm (EDU 3236) Cranston, P

EDCP108M College Aims: Math Study Skills and Building Confidence; Grade Method: REG/AUD; Enrollment limited to students concurrently enrolled in MATH 001 or MATH 001B. — 1 credit
0101 Meets 09/09/87 - 11/04/87 Shearn, E
WF.....12:00pm-12:50pm (EGR 1110)

EDCP1080 (PermReq) College Aims: The Student in the University; Grade Method: REG; For permission to register, go to Orientation Office, room 1195 Stamp Union Building. — 1 credit
0101 Meets 09/07/87 - 10/30/87 Strumpf, G
M.....2:00pm- 4:00pm (EDU 3315)
0201 Meets 09/07/87 - 10/30/87 STAFF
M.....3:00pm- 5:00pm (COL 0102)
0301 Meets 09/07/87 - 10/30/87 STAFF
M.....12:00pm- 2:00pm (EDU 2203)
0401 Meets 09/07/87 - 10/30/87 STAFF
Tu.....2:00pm- 4:00pm (TWS 1202)
0501 Meets 09/07/87 - 10/30/87 STAFF
Tu.....2:00pm- 4:00pm (JMZ 0208)
0601 W.....2:00pm- 4:00pm (SYM 0115) STAFF
0701 W.....3:00pm- 5:00pm (COL 0102) STAFF
0801 Th.....10:00am-12:00pm (EDU 0114) STAFF
0901 Th.....2:00pm- 4:00pm (SYM 0115) STAFF
1001 Th.....1:00pm- 3:00pm (JMZ 0103) STAFF

EDCP108R College Aims: Returning Students; Grade Method: REG/P-F/AUD; — 1 credit
0101 W.....12:00pm- 2:00pm (EDU 1315) Greenfeig, B
0201 Th.....12:30pm- 2:30pm (EDU 1203) Goldberg, B

EDCP108X College Aims: Study Skills for International Students; Grade Method: REG/AUD; — 1 credit
0101 Meets 09/08/87 - 11/19/87 Hayes, J
TuTh.....11:00am-12:15pm (EDU 0206)

EDCP310 Peer Counseling Theory and Skills; Grade Method: REG; Section 0401 recommended for minority peer counseling students. — 3 credits
0101 TuTh.....9:30am-11:00am (EDU 3233) McEwen, M
0201 TuTh.....12:30pm- 2:00pm (EDU 3233) McEwen, M
0301 W.....4:15pm- 7:00pm (EDU 3233) McEwen, M
0401 W.....2:00pm- 4:45pm (HBK 1112) Molla, B

EDCP386 (PermReq) Field Work; Grade Method: REG; Concurrent with EDCP 387. — 2 credits
0101 Time and room to be arranged — McEwen, M

EDCP387 (PermReq) Field Work Analysis; Grade Method: REG; Concurrent with EDCP 386. — 1 credit
0101 Time and room to be arranged — McEwen, M

EDCP410 Introduction to Counseling and Personnel Services; Grade Method: REG/P-F/AUD; Limited to education majors. — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 3233) Strein, W

EDCP413 Behavior Modification; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 0114) Pumroy, D

EDCP417 (PermReq) Group Dynamics and Leadership; Grade Method: REG/P-F/AUD; Section 0301 resident hall students only. — 3 credits
0201 TuTh.....3:30pm- 4:45pm (JMZ 2123) Kruger, K
0301 Time and room to be arranged — Miekle, P

EDCP420 Education and Racism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1107) Sedlacek, W

EDCP460 Introduction to Rehabilitation Counseling; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1107) Lawrence, R

EDCP461 Psycho-Social Aspects of Disability; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3236) Lawrence, R

EDCP489 (PermReq) Field Experiences in Counseling and Personnel Services; Grade Method: REG; — 1-4 credits
0101 Time and room to be arranged — McEwen, M
0201 Time and room to be arranged — STAFF
1901 Time and room to be arranged — Pumroy, D

EDCP605 Issues in Counseling Adults; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2119) Schlossberg, N

EDCP610C Professional Orientation; Grade Method: REG/AUD; Limited to community counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0210) Schlossberg, N

EDCP610E Professional Orientation; Grade Method: REG/AUD; Limited to elementary school counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3236) Greenberg, K

EDCP610P Professional Orientation; Grade Method: REG/AUD; Limited to school psychology students. — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1109) Strein, W

EDCP610R Professional Orientation; Grade Method: REG/AUD; Limited to rehabilitation counseling students. — 3 credits
0101 W .....4:15pm- 7:00pm (JMZ 1124) Lawrence, R

EDCP610S Professional Orientation; Grade Method: REG/AUD; Limited to secondary counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3236) Greenberg, K

EDCP610U Professional Orientation; Grade Method: REG; Limited to college student personnel students. — 3 credits
0101 W.....4:15pm- 7:00pm (JRN 1103) Rickard, S

EDCP614 Personality Theories in Counseling and Personnel Services; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1107) Greenberg, K

EDCP615 Counseling I: Appraisal; Grade Method: REG/AUD; Limited to EDCP majors only. — 3 credits
0101 Tu.....4:15pm- 7:00pm (ASY 3207) STAFF

EDCP617 Group Counseling; Grade Method: REG/AUD; Limited to EDCP majors who have completed EDCP 616. — 3 credits
0101 W.....7:00pm- 9:45pm (ASY 3211) STAFF

EDCP619C (PermReq) Practicum in Counseling; Grade Method: REG/AUD; Limited to community counseling majors. — 3 credits
0201 W.....1:00pm- 4:00pm (Arranged) STAFF
0301 W.....9:00am-12:00pm (EDU 3233) STAFF
0401 Tu.....4:15pm- 7:00pm (EDU 3233) STAFF
0501 Th.....1:00pm- 4:00pm (Arranged) STAFF

EDCP619R Practicum in Counseling; Grade Method: REG/AUD; Rehabilitation students only. — 2-6 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1125) Lawrence, R

EDCP619U Practicum in Counseling; Grade Method: REG; Limited to CSPA majors. — 2-6 credits
0101 Th.....2:00pm- 5:00pm (SHM 1103) Boyd, V
0201 Tu.....1:00pm- 4:00pm (SHM 1103) Westbrook, F

EDCP633 Diagnostic Appraisal of Children I; Grade Method: REG/AUD; Concurrent registration in EDCP 789T required. — 4 credits
0101 Th.....9:30am-12:15pm (EDU 3236) Teglasi-Golubco
Time and room to be arranged

EDCP635 Therapeutic Techniques and Classroom Management I; Grade Method: REG/AUD; — 3 credits
0101 Th.....12:30pm- 3:15pm (EDU 2203) Pumroy, D

EDCP656 Counseling and Personnel Services Seminar; Grade Method: REG; Section 0101 recommended for first year CSPA students only. Section 0201 recommended for school counseling students. — 2 credits
0101 W.....4:15pm- 7:00pm (EDU 3233) STAFF
0201 M.....7:00pm-10:00pm (EDU 3233) Rhoads, D

EDCP718 Advanced Seminar in Group Processes: Group Counseling Practicum; Grade Method: REG/AUD; For Counseling Psychology majors only. — 3 credits
0101 M.....9:00am-12:00pm (EDU 3236) STAFF

EDCP778 Research Proposal Seminar; Grade Method: REG/AUD; Limited to EDCP majors. — 3 credits
0101 M.....7:00pm- 8:45pm (SHM 1103) Magoon, T
Time and room to be arranged DIS

EDCP788 (PermReq) Advanced Practicum; Grade Method: REG; — 3 credits
0101 Tu.....11:00am- 2:00pm (Arranged) Birk, J

EDCP789D (PermReq) Advanced Topics in Counseling and Personnel Services: Developmental Instruction; Grade Method: REG; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3236) McEwen, M

EDCP789F Advanced Topics in Counseling and Personnel Services: Clinical Use of Appraisal Measures; Grade Method: REG; Prerequisite: EDCP 616. — 3 credits
0101 Th.....9:00am-12:00pm (EDU 2203) Lucas, M

EDCP789J Advanced Topics in Counseling and Personnel Services: Introduction to Counseling Psychology; Grade Method: REG/AUD; — 3 credits
0101 Tu.....1:00pm- 4:00pm (COL 0104) Hoffman, M

EDCP789R Advanced Topics in Counseling and Personnel Services: Pre-Practicum in School Counseling; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 0202) Rhoads, D

EDCP789T Advanced Topics in Counseling and Personnel Services: Practicum in Assessment; Grade Method: REG/AUD; Concurrent enrollment in EDCP 633 required. — 2 credits
0101 Tu.....9:30am-12:15pm (EDU 2203) Teglasi-Golubco

EDCP789U Advanced Topics in Counseling and Personnel Services: Advanced Theories of University Administration; Grade Method: REG; — 3 credits

0101 W.....3:30pm- 6:00pm (Arranged) Thomas Jr, W

EDCP789W Advanced Topics in Counseling and Personnel Services: Gender Issues Related to Counseling; Grade Method: REG/AUD; 3 credits
0101 W.....9:00am-12:00pm (EDU 2203) Birk, J

EDCP789X (PermReq) Advanced Topics in Counseling and Personnel Services: Practicum in Consultation; Grade Method: REG; 3 credits
0101 F.....9:00am-12:00pm (Arranged) Leonard, M

EDCP798 (PermReq) Special Problems in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCP798B Special Problems in Counseling and Personnel Services: Joint Vocational Education Seminar; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) Stough, K

EDCP799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCP888 (PermReq) Apprenticeship in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDCP888U Apprenticeship in Counseling and Personnel Services: College Student Personnel Administration Apprenticeship; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3233) McEwen, M

EDCP889 (PermReq) Internship in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDCP899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

EDHD Education, Human Development (Education)

EDHD300E (PermReq) Human Development and Learning; Grade Method: REG/AUD; Elementary emphasis. Open only to students who are following a complete teacher education program. First class meeting determined by campus section, not off-campus lab day. 6 credits
0101 WF.....10:00am-12:00pm (EDU 3315) Seefeldt, C
M.....8:00am- 1:00pm (Arranged) LAB
0201 WF.....12:00pm- 2:00pm (EDU 3315) STAFF
M.....8:00am- 1:00pm (Arranged) LAB
0301 TuTh.....12:00pm- 2:00pm (EDU 3315) Taylor, A
W.....8:00am- 1:00pm (Arranged) LAB

EDHD300S (PermReq) Human Development and Learning; Grade Method: REG/AUD; Secondary emphasis. Open only to students with junior standing who are following a complete teacher education program. First class meeting determined by campus section, not off-campus lab day. 6 credits
0701 MF.....12:00pm- 2:00pm (EDU 1315) STAFF
W.....11:00am- 3:00pm (Arranged) LAB
0801 TuTh.....10:00am-12:00pm (EDU 3315) Gardner, A
M.....8:00am- 1:00pm (Arranged) LAB
0901 MF.....10:00am-12:00pm (EDU 2119) Grambs, J
W.....11:00am- 3:00pm (Arranged) LAB

EDHD306 Study of Human Behavior; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (EDU 2101) STAFF
0201 TuTh.....9:30am-10:45am (EDU 2101) Matteson, R
0301 TuTh.....2:00pm- 3:15pm (EDU 3315) STAFF
0401 MWF.....10:00am-10:50am (EDU 0210) STAFF

EDHD320 Human Development Through the Lifespan; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 1315) STAFF
0201 TuTh.....12:30pm- 1:45pm (EDU 2102) STAFF
0301 MWF.....9:00am- 9:50am (EDU 3315) STAFF
0401 MWF.....10:00am-10:50am (EDU 0114) STAFF

EDHD340 Human Development Aspects of the Helping Relationship; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (EDU 0210) STAFF

EDHD350 Human Development Factors in Personal Development; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2101) Green, H
0201 TuTh.....12:30pm- 1:45pm (EDU 0114) Green, H

EDHD386 (PermReq) Field Work; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD400 Introduction to Gerontology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2102) STAFF

EDHD411 Child Growth and Development; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3315) Seefeldt, C
0201 MWF.....9:00am- 9:50am (EDU 2119) STAFF

EDHD413 Adolescent Development; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3315) Gardner, A
0201 TuTh.....12:30pm- 1:45pm (EDU 1121) STAFF

EDHD419A Human Development and Learning in School Settings: Infancy and Preschool; Grade Method: REG/AUD; Open to pre-early childhood and early childhood education majors only. 3 credits
0101 Tu.....9:00am-11:00am (EDU 1107) Eliot, J
MW.....9:00am-12:00pm (Arranged) LAB

EDHD445 Guidance of Young Children; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3315) Koopman, E
0201 TuTh.....2:00pm- 3:15pm (EDU 2102) STAFF
0301 MWF.....9:00am- 9:50am (EDU 1121) Marcus, R
0401 TuTh.....11:00am-12:15pm (EDU 2119) STAFF
0501 MWF.....1:00pm- 1:50pm (EDU 2102) Marcus, R

EDHD460 Educational Psychology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 2101) Matteson, R
0201 W.....4:15pm- 7:00pm (JMZ 0103) STAFF

EDHD489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

EDHD498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD499R (PermReq) Workshops, Clinics, and Institutes: Divorce: Parent-Child Relations; Grade Method: REG/AUD; 1 credit
0101 Meets 09/02/87 - 10/04/87 Koopman, E
Th.....4:15pm- 7:00pm (EDU 2101)

EDHD499B (PermReq) Workshops, Clinics, and Institutes: Divorce: Legal Aspects; Grade Method: REG/AUD; 1 credit
0101 Th.....4:15pm- 7:00pm (EDU 2101) Koopman, E

EDHD499C (PermReq) Workshops, Clinics, and Institutes: Divorce: Financial and Career Changes; Grade Method: REG/AUD; 1-6 credits
0101 Meets 11/11/87 - 12/15/87 Koopman, E
Th.....4:15pm- 7:00pm (EDU 2101)

EDHD600 Introduction to Human Development and Child Study; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3315) Matteson, R
0201 W.....4:15pm- 7:00pm (EDU 0202) Green, H

EDHD601 Biological Bases of Behavior; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2102) Bennett, S

EDHD602 Social Bases of Behavior; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2102) STAFF

EDHD620 Aging in the Cultural Context; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2101) Robertson-Tchab

EDHD700 Infant Development; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3315) STAFF

EDHD710 Affectional Relationships and Processes in Human Development; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0210) Flatter, C

EDHD721 Learning Theory and the Educative Process I; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 3315) Holloway, S
0201 Tu.....4:15pm- 7:00pm (JMZ 1120) Huebner, R

EDHD722 Learning Theory and the Educative Process II; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2102) Eliot, J

EDHD740 Theories of Conflict Resolution in Human Development; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2119) Hunt, E

EDHD779C Special Topics in Human Development: Team Research in Life Span Development; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2203) Robertson-Tchab

EDHD779E (PermReq) Special Topics in Human Development: Developmental Lab; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Porges, S

EDHD779G Special Topics in Human Development: Team Research in Self Development; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1211) LAB Flatter, C

EDHD779L (PermReq) Special Topics in Human Development: Laboratory in Developmental Psychophysiology; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0206) Porges, S

EDHD780 Research Methods in Human Development; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2102) Huebner, R

EDHD789 Internship in Human Development; Grade Method: REG/AUD; 3-8 credits
1401 Time and room to be arranged Hunt, E
2501 Tu.....4:15pm- 7:00pm (EDU 1203) Tyler, B

EDHD798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD810 Physical Processes in Human Development I; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1117) Fox, N

EDHD820 Socialization Processes in Human Development I; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2119) Holloway, S

EDHD830 Self Processes in Human Development I; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1121) Tyler, B

EDHD831 Self Processes in Human Development II; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 2117) Marcus, R

EDHD888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDHD889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDHD899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-8 credits

---

EDIT Industrial, Technological and Occupational Education (Education)

EDIT101 Mechanical Drawing I; Grade Method: REG/AUD; 2 credits
0101 MW.....11:00am- 1:00pm (JMP 2229) Mosser, D
MW.....11:00am- 1:00pm (JMP 2229) LAB
0201 TuTh.....9:00am-11:00am (JMP 2229) Volk, K
TuTh.....9:00am-11:00am (JMP 2229) LAB
0301 M.....6:00pm-10:00pm (JMP 2229) Smith, J
M.....6:00pm-10:00pm (JMP 2229) LAB

EDIT102 Fundamentals of Woodworking; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (JMP 1210) Smith, J
MWF.....8:00am-10:00am (JMP 1210) LAB
0301 TuTh.....9:00am-12:00pm (JMP 1210) Smith, J
TuTh.....9:00am-12:00pm (JMP 1210) LAB

EDIT112 Technical Calculations; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMP 3201) Stough, K

EDIT114 Principles of Typewriting; Grade Method: REG; 2 credits
0101 MTuWTh.....8:00am- 8:50am (JMP 2115) Spear, M
0201 MTuWTh.....2:00pm- 2:50pm (JMP 2115) Spear, M
0301 MTuWTh.....1:00pm- 1:50pm (JMP 2115) Spear, M

EDIT116 Principles of Shorthand I; Grade Method: REG; 3 credits
0101 MTuWThF...10:00am-10:50am (JMP 2115) Spear, M

EDIT121 Mechanical Drawing II; Grade Method: REG/AUD; 2 credits
0101 MW.....9:00am-11:00am (JMP 2229) STAFF
MW.....9:00am-11:00am (JMP 2229) LAB
0201 MW.....3:00pm- 5:00pm (JMP 2229) Mosser, D
MW.....3:00pm- 5:00pm (JMP 2229) LAB

EDIT127 Fundamentals of Electricity Electronics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (JMP 2201) Milligan, D
0201 TuTh.....9:00am-12:00pm (JMP 2201) Milligan, D
0301 MW.....1:00pm- 4:00pm (JMP 2201) Milligan, D
0401 TuTh.....6:00pm- 9:00pm (JMP 2201) Wall, J

EDIT160 Design Illustrating I; Grade Method: REG/P-F/AUD; For interior design, advertising design, pre-design, landscape design, and horticulture majors only. 3 credits
0101 MW.....9:00am-11:00am (JMP 2108) Andrew, K
MW.....9:00am-11:00am (JMP 2108) LAB
0201 MW.....11:00am- 1:00pm (JMP 2108) Andrew, K
MW.....11:00am- 1:00pm (JMP 2108) LAB
0401 TuTh.....9:00am-11:00am (JMP 2108) STAFF
TuTh.....9:00am-11:00am (JMP 2108) LAB
0501 TuTh.....11:00am- 1:00pm (JMP 2108) STAFF
TuTh.....11:00am- 1:00pm (JMP 2108) LAB
0601 TuTh.....1:00pm- 3:00pm (JMP 2108) STAFF
TuTh.....1:00pm- 3:00pm (JMP 2108) LAB
0701 W.....6:00pm-10:00pm (JMP 2108) Schuma, J
W.....6:00pm-10:00pm (JMP 2108) LAB
0801 MW.....1:00pm- 3:00pm (JMP 2108) STAFF
MW.....1:00pm- 3:00pm (JMP 2108) LAB

EDIT202 Machine Woodworking; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 102 or approval of instructor. 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 1210) Smith, J
MW.....1:00pm- 4:00pm (JMP 1210) LAB

EDIT207 Bases For Curriculum Decision in Home Economics; Grade Method: REG/P-F/AUD; Leave half day free, Tuesday, Wednesday, or Thursday p.m., for observation. 3 credits
0101 TuTh.....9:30am-10:50am (JMP 3225A) Hultgren, F

EDIT210 Foundry; Grade Method: REG/P-F/AUD; Students must also register for same section of EDIT 223. 1 credit
0101 MW.....8:00am-10:00am (JMP 1109) Strenge, J
MW.....8:00am-10:00am (JMP 1108)
0201 MW.....10:00am-12:00pm (JMP 1109) Strenge, J
MW.....10:00am-12:00pm (JMP 1108)
0301 Th.....6:00pm-10:00pm (JMP 1109) Strenge, J
Th.....6:00pm-10:00pm (JMP 1108)

EDIT214 Office Typewriting Problems; Grade Method: REG; 2 credits
0101 MTuWTh....12:00pm-12:50pm (JMP 2115) Marschall, S

EDIT216 Advanced Shorthand and Transcription; Grade Method: REG; 3 credits
0101 MTuWThF...11:00am-11:50am (JMP 2115) Spear, M
MTuWThF...11:00am-11:50am (JMP 2115) LAB

EDIT223 Arc and Gas Welding; Grade Method: REG/P-F/AUD; Students must also register for EDIT 210. 1 credit
0101 Time and room to be arranged Strenge, J
0201 Time and room to be arranged Strenge, J
0301 Time and room to be arranged Strenge, J

EDIT224 (PermReq) Organized and Supervised Work Experiences I; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Elkins, R

EDIT226 Fundamental Metalworking Processes; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 1225) Swartzlander, L
TuTh.....9:00am-12:00pm (JMP 1225) LAB

EDIT227 Applications of Electronics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 2201) Milligan, D

EDIT231 Mechanical Drawing III; Grade Method: REG; 2 credits
0101 TuTh.....11:00am- 1:00pm (JMP 3105) Volk, K

EDIT232 Fundamentals of Automotive Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (JMP 2123) Edmondson, P
MWF.....8:00am-10:00am (JMP 1229) LAB
0201 MW.....12:00pm- 3:00pm (JMP 2123) Edmondson, P
MW.....12:00pm- 3:00pm (JMP 1229) LAB
0301 TuTh.....11:00am- 2:00pm (JMP 2123) Jones, B
TuTh.....11:00am- 2:00pm (JMP 1229) LAB
0401 TuTh.....2:00pm- 5:00pm (JMP 2123) Jones, B
TuTh.....2:00pm- 5:00pm (JMP 1229) LAB

EDIT233 Fundamentals of Power Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-12:00pm (JMP 2123) Jones, B
MWF.....10:00am-12:00pm (JMP 1229) LAB

EDIT234 Graphic Communications; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (JMP 2202) Gilberti, A
MWF.....8:00am-10:00am (JMP 2222) LAB
0201 MWF.....10:00am-12:00pm (JMP 2202) Gilberti, A
MWF.....10:00am-12:00pm (JMP 2222) LAB
0301 MWF.....1:00pm- 3:00pm (JMP 2202) McLaughlin Jr.,
MWF.....1:00pm- 3:00pm (JMP 2222) LAB
0401 MWF.....3:00pm- 5:00pm (JMP 2202) McLaughlin Jr.,
MWF.....3:00pm- 5:00pm (JMP 2222) LAB
0501 MW.....6:00pm- 9:00pm (JMP 2202) McLaughlin Jr.,
MW.....6:00pm- 9:00pm (JMP 2202) LAB

EDIT241 Architectural Drawing; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....3:00pm- 5:00pm (JMP 2229) Craven, H
TuTh.....3:00pm- 5:00pm (JMP 2229) LAB
0201 TuTh.....1:00pm- 3:00pm (JMP 2229) Craven, H
TuTh.....1:00pm- 3:00pm (JMP 2229) LAB

EDIT262 Basic Metal Machining; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 1109) Strenge, J
0201 TuTh.....8:00am-11:00am (JMP 1109) Strenge, J
TuTh.....8:00am-11:00am (JMP 1120) LAB

EDIT270 Field Experiences; Grade Method: REG; For majors in business education, secretarial education, industrial arts, vocational technical education, and/or pre-education students entering above fields of study. Reserve one morning per week for visitations. 3 credits
0101 Th.....3:00pm- 3:50pm (JMP 3105) STAFF
Time and room to be arranged

EDIT291 Introduction to Plastics Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 1202) Mason, R
TuTh.....9:00am-12:00pm (JMP 1216) LAB
0201 TuTh.....1:00pm- 4:00pm (JMP 1202) Mason, R
TuTh.....1:00pm- 4:00pm (JMP 1216) LAB
0301 MWF.....10:00am-12:00pm (JMP 1202) Mason, R
MWF.....10:00am-12:00pm (JMP 1216) LAB

EDIT298 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT302 Woodworking Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-12:00pm (JMP 1210) Smith, J
MWF.....10:00am-12:00pm (JMP 1210) LAB

EDIT304 Administrative Secretarial Procedures; Grade Method: REG; 3 credits
0101 MWF.....10:00am-10:50am (JMP 3225) Marschall, S

EDIT311 Laboratory Practicum in Industrial Arts Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (JMP 1201) Maley, D
MWF.....8:00am-10:00am (JMP 2215) LAB

EDIT324 (PermReq) Organized and Supervised Work Experiences II; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Elkins, R

EDIT332 Advanced Procedures in Automotive Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am-11:00am (JMP 2123) Jones, B
TuTh.....8:00am-11:00am (JMP 1229) LAB

EDIT334 Photographic and Electronic Graphic Communications; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 234 (old 134) or consent of instructor. 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 2202) McLaughlin Jr.,
TuTh.....1:00pm- 4:00pm (JMP 2222) LAB

EDIT341 Curriculum, Instruction, and Observation: Business Education; Grade Method: REG; (8 weeks.) 3 credits
0101 MWF.....2:00pm- 4:00pm (JMP 3105) Peters, R

EDIT343 Curriculum, Instruction, and Observation: Distributive Education; Grade Method: REG; 3 credits
0101 MWF.....2:00pm- 4:00pm (Arranged) Anderson, C

EDIT360 Industrial Production Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMP 3104) Mietus, W
TuTh.....9:30am-10:45am (JMP 3104) LAB

EDIT391 Plastics Processing Fundamentals; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 1202) Mason, R
MW.....1:00pm- 4:00pm (JMP 1216) LAB

EDIT401 Essentials of Design; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....1:00pm- 3:00pm (JMP 2229) Mosser, D
MW.....1:00pm- 3:00pm (JMP 2229) LAB

EDIT405 Business Communications; Grade Method: REG; 3 credits
0101 MWF.....12:00pm-12:50pm (JMP 3105) Boyce, J

EDIT406 Word Processing; Grade Method: REG; 3 credits
0101 MW.....1:00pm- 3:00pm (JMP 3106) Boyce, J
0201 M.....4:15pm- 7:00pm (JMP 3106) Boyce, J

EDIT414 Organization and Coordination of Cooperative Education Programs; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3225) STAFF

EDIT415 Financial and Economic Education I; Grade Method: REG/P-F/AUD; First eight weeks only. 3 credits
0101 Meets 09/02/87 - 10/23/87 Hewitt, M
MWF.....4:00pm- 6:00pm (JMP 3104)

EDIT421 Industrial Arts in Special Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....6:00pm-10:00pm (JMP 2120) — Beatty, C

EDIT425 Analysis of Industrial Training Programs I; Grade Method: REG/P-F/AUD; Prerequisite: junior standing or written permission of course professor. — 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 1202) — Hunter, A

EDIT426 Analysis of Industrial Training Programs II; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 425; junior standing or written permission of course professor. — 3 credits
0101 M.....7:00pm-10:00pm (JMP 1202) — Hunter, A

EDIT432 Student Teaching: Business Education; Grade Method: S-F; — 2-12 credits
0101 Time and room to be arranged — Peters, R

EDIT435 Curriculum Development in Home Economics; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....12:00pm- 3:00pm (JMP 3225) — Straw, R

EDIT443 Industrial Safety I; Grade Method: REG/P-F/AUD; Limited to students with junior/senior standing. — 3 credits
0101 W.....7:00pm-10:00pm (JMP 3201) — Ashley, R
0201 Tu.....7:00pm-10:00pm (JMP 3104) — Ashley, R

EDIT444 Industrial Safety II; Grade Method: REG/P-F/AUD; Limited to students with junior/senior standing. — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMP 3201) — Ashley, R

EDIT445 Systems Safety Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3105) — Tomasetti, J

EDIT450 Training Aids Development; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3225) — Beatty, C

EDIT451 Research and Experimentation in Industrial Arts; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....7:00pm-10:00pm (JMP 1201) — Maley, D

EDIT454 Private Fire Protection Analysis I; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....7:00pm-10:00pm (JMP 3201) — STAFF

EDIT457 Tests and Measurements; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3201) — Stough, K

EDIT460 Design Illustrating II; Grade Method: REG/P-F/AUD; — 2 credits
0201 TuTh.....3:00pm- 5:00pm (JMP 2108) — STAFF
TuTh.....3:00pm- 5:00pm (JMP 2108) LAB

EDIT461 Principles of Vocational Guidance; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 2202) — Mietus, W

EDIT462 Occupational Analysis and Course Construction; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....7:00pm-10:00pm (JMP 3225) — STAFF

EDIT464 Laboratory Organization and Management; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3105) — STAFF

EDIT465 Modern Industry; Grade Method: REG/P-F/AUD; Prerequisite: junior standing or written permission of instructor. — 3 credits
0101 Th.....7:00pm- 9:45pm (JMP 1202) — Hunter, A

EDIT470 Numerical Control in Manufacturing; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....12:30pm- 1:45pm (JMP 3201) — Elkins, R
Th.....12:30pm- 1:45pm (JMP 3201) LAB

EDIT471 History and Principles of Vocational Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....7:00pm-10:00pm (JMP 3104) — Luetkemeyer, J

EDIT472 Quality Control and Assurance in Industrial Settings; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....7:00pm-10:00pm (JMP 3105) — Sullivan, D

EDIT475 Recent Technological Developments in Products and Processes; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMP 3104) — Elkins, R

EDIT476 Application of Technology to Societal Problems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (JMP 3104) — Usiak, K
0201 MWF.....11:00am-11:50am (JMP 3104) — Usiak, K
0301 MWF.....12:00pm-12:50pm (JMP 3104) — Usiak, K

EDIT485 Field Experiences in Business Education; Grade Method: REG; — 3 credits
0101 Time and room to be arranged — Peters, R

EDIT486 Field Experiences in Marketing and Distributive Education; Grade Method: REG; — 3 credits
0101 Time and room to be arranged — Anderson, C

EDIT488T Selected Topics in Education: Issues Confronting Families Past and Future - A Multidisciplinary Examination; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....1:00pm- 2:15pm (JMP 3105) — Hewitt, M

EDIT488Z Selected Topics in Education: Microcomputer Applications in Technology and Industry; Grade Method: REG/P-F/AUD; For EDIT juniors and seniors only or by permission of instructor. — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3225) — Elkins, R

EDIT498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT499D Workshops, Clinics, and Institutes: Workshop in Vocational Education; Grade Method: REG/P-F/AUD; — 1-3 credits
0101 M.....6:00pm- 7:00pm (JMP 3225A) — Mietus, W
Time and room to be arranged LAB

EDIT607 Philosophy of Industrial Arts Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3225) — Luetkemeyer, J

EDIT640 Research in Industrial Arts and Vocational Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3225A) — Mietus, W

EDIT642 Coordination in Work-Experience Programs; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3225) — STAFF

EDIT647 Seminar in Industrial Arts and Vocational Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3225A) — Mietus, W

EDIT760 Modes of Inquiry in Industrial and Social Institutions; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 1202) — Hultgren, F

EDIT788A Selected Topics in Education: Laboratory Practicum in Industrial Arts Education; Grade Method: REG/AUD; For graduate students only. — 3 credits
0101 MWF.....8:00am-10:00am (JMP 1201) — Maley, D
MWF.....8:00am-10:00am (JMP 2215) LAB

EDIT788C Selected Topics in Education: Joint Seminar, Industrial Arts/Vocational Technical Education; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) — Stough, K

EDIT788Z (PermReq) Selected Topics in Education: Microcomputer Applications in Technology and Industry; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3225) — Elkins, R

EDIT798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT821 Seminar in Business Education; Grade Method: REG/AUD; Joint vocational education seminar. — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) — Stough, K

EDIT826 Seminar in Home Economics Education; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3105) — Hultgren, F

EDIT888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDIT889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDIT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDMS Measurement, Statistics, and Evaluation (Education)

EDMS451 Introduction to Educational Statistics; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (EDU 4233) — STAFF
0201 TuTh.....2:00pm- 3:15pm (EDU 4233) — STAFF
0301 MW.....2:00pm- 3:15pm (EDU 4233) — Macready, G
0401 TuTh.....12:30pm- 1:45pm (EDU 4233) — STAFF
0501 MW.....12:30pm- 1:45pm (EDU 4233) — DeAyla, R
0601 MW.....11:00am-12:15pm (EDU 0114) — DeAyla, R
0701 TuTh.....11:00am-12:15pm (EDU 4233) — Mueller, A

EDMS623 Applied Measurement: Issues and Practices; Grade Method: REG/AUD; Prerequisite: EDMS 646 or equivalent. — 3 credits
0101 Tu.....4:15pm- 7:00pm (ASY 3219) — Benson, J

EDMS645 Quantitative Research Methods I; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:00pm- 6:40pm (ASY 2203) — Schafer, W
Tu.....5:00pm- 6:40pm (ASY 3211) LAB
0102 Th.....5:00pm- 6:40pm (ASY 2203) — Schafer, W
M.....5:00pm- 6:40pm (ASY 3219) LAB
0103 Th.....5:00pm- 6:40pm (ASY 2203) — Schafer, W
M.....7:00pm- 8:40pm (EDU 4233) LAB
0104 Th.....5:00pm- 6:40pm (ASY 2203) — Schafer, W
Tu.....7:00pm- 8:40pm (EDU 4233) LAB
0105 Th.....5:00pm- 6:40pm (ASY 2203) — Schafer, W
W.....9:00am-12:00pm (EDU 4233) LAB

EDMS646 Quantitative Research Methods II; Grade Method: REG/AUD; Prerequisite: EDMS 645. — 3 credits
0101 Th.....7:00pm- 8:40pm (ASY 1213) — Benson, J
M.....5:00pm- 6:40pm (ASY 3215) LAB
0103 Th.....7:00pm- 8:40pm (ASY 1213) — Benson, J
Tu.....7:00pm- 8:40pm (ASY 3211) LAB

EDMS647 Introduction to Evaluation Models; Grade Method: REG/AUD; Prerequisite: EDMS 646. — 3 credits
0101 Th.....4:15pm- 7:00pm (ASY 3217) — STAFF

EDMS651 Intermediate Statistics in Education; Grade Method: REG/AUD; Prerequisite: EDMS 646. — 3 credits
0101 TuTh.....4:15pm- 5:30pm (EDU 4233) — Dayton, C
0201 MW.....4:15pm- 5:30pm (EDU 4233) — Johnson, C

EDMS723 Measurement Theory I; Grade Method: REG/AUD; Prerequisites: EDMS 622 and 651. — 3 credits
0101 Time and room to be arranged — Macready, G

EDMS769M Special Topics in Applied Statistics in Education: Generalizability Theory and Practice; Grade Method: REG/AUD; Prerequisite: EDMS 651 or equivalent. — 3 credits
0101 Th.....4:15pm- 7:00pm (ASY 3219) — Johnson, C

EDMS769Z Special Topics in Applied Statistics in Education: Multivariate Statistics; Grade Method: REG/AUD; Prerequisite: EDMS 651 or equivalent. — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0120) — Dayton, C

EDMS780 Research Methods and Materials; Grade Method: REG/AUD; Normally taken near the end of a student's program. — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 2125) — Schafer, W

EDMS798 Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS889 Internship in Measurement and Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDMS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDPA Education Policy, Planning and Administration (Education)

EDPA210 Historical and Philosophical Perspectives On Education; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EDU 2119) — Noll, J

EDPA301 Foundations of Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (EDU 2101) — Hopkins, R
0201 MWF.....10:00am-10:50am (EDU 2101) — Hopkins, R
0301 TuTh.....9:30am-10:45am (EDU 0202) — Lindsay, R
0401 TuTh.....11:00am-12:15pm (EDU 0202) — Noll, J
0501 TuTh.....12:30pm- 1:45pm (EDU 2101) — Lindsay, R
0601 TuTh.....2:00pm- 3:15pm (EDU 3233) — Lindsay, R
0701 M.....7:00pm- 9:45pm (EDU 2119) — Witmer, K
0801 Th.....4:15pm- 7:00pm (EDU 2102) — Male, G
0901 M.....7:00pm- 9:45pm (EDU 2101) — Ventre, J

EDPA386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA400 The Future of the Human Community; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 2102) — Hopkins, R
0201 Th.....4:15pm- 7:00pm (EDU 2119) — Splaine, J

EDPA488G Special Topics in Education Policy and Administration: Technology, Social Change and Education; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0122) — Splaine, J

EDPA489 Field Experiences in Education; Grade Method: S-F; Limited to majors in EDPA specializations. Masters approved field experiences. Consent of advisor. — 1-4 credits
0101 Time and room to be arranged — Andrews Jr., J
0201 Time and room to be arranged — Splaine, J

EDPA498 Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA605 Comparative Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2119) — Male, G

EDPA613 Educational Sociology; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3233) — Huden, D

EDPA620 Education Policy Analysis; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3233) — Agre, G

EDPA634 The School Curriculum; Grade Method: REG/AUD; — 2-3 credits
0101 W.....4:15pm- 7:00pm (EDU 2101) — STAFF

EDPA635 Principles of Curriculum Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1107) — Selden, S

EDPA650 Professional Seminar in Higher and Adult Education; Grade Method: S-F; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 0206) — Berdahl, R

EDPA651 Higher Education Law; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0206) — Clague, M

EDPA652 Higher Education in American Society; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1315) — Berdahl, R

EDPA653 Organization and Administration of Higher Education; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 3315) — Schmidtlein, F

EDPA655 Administration of Adult and Continuing Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0114) — Carbone, R

EDPA657 History of Higher Education in the United States; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0210) — Finkelstein, B

EDPA660 Administrative Foundations; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 2117) — McLoone, E

EDPA661 Administrative Behavior and Organizational Management; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3236) — Goldman, H

EDPA662 Administrative Processes; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0206) — Stephens, E

EDPA663 Policy Formulation in Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0202) — Stephens, E

EDPA673 Collective Bargaining in Elementary-Secondary Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2117) — Andrews Jr., J

EDPA676 School Finance and Business Administration; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2102) — McLoone, E

EDPA690 Research Issues in Education Policy, Planning and Administration; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1122) — Agre, G

EDPA732 History of Curriculum Theory and Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0208) — Selden, S

EDPA760 The Human Dimension in Administration; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 0210) — STAFF

EDPA788C Special Topics in Education Policy and Administration: Academic Personnel Administration; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1121) — Chait, R

EDPA798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDPA799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDPA862 Seminar: Theoretical Basis of Administrative Behavior; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0114) — STAFF

EDPA889 Internship in Education; Grade Method: S-F; Interns in administration register in section 0101; Higher and adult education in section 0201; Curriculum and educational technology in section 0301; Social foundation in section 0401. — 3-8 credits
0101 Time and room to be arranged — Andrews Jr., J
0201 Time and room to be arranged — Carbone, R
0301 Time and room to be arranged — Selden, S
0401 Time and room to be arranged — Noll, J

EDPA895 Research Critique Seminar; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 0118) — Huden, D

EDPA899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:30pm (EDU 0114) — Florian, L

EDSP288C Special Topics in Teacher Education: Career Development in Special Education; Grade Method: REG/P-F/AUD; Open to all undergraduate students. — 1 credit
0101 F.....10:00am 1:00am (EDU 2203) — Florian, L
0201 F.....11:00am-12:00pm (EDU 2203) — Florian, L

EDSP320 Introduction to Assessment in Special Education; Grade Method: REG/AUD; Limited to undergraduate special education majors. Students must register concurrently in EDSP 321 and 322. Prerequisite: EDSP 210. — 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 2101) — Harris, K
0201 MW.....1:15pm- 2:45pm (EDU 2119) — Speece, D

EDSP321 Comparative Approaches to Behavior and Classroom Management in Special Education; Grade Method: REG/AUD; Limited to undergraduate special education majors. Students must register concurrently in EDSP 320 and 322. Prerequisite: EDSP 210. — 3 credits
0101 MW.....2:45pm- 4:15pm (EDU 2101) — Gradel, K
0201 MW.....2:45pm- 4:15pm (EDU 2119) — Egel, A

EDSP322 Field Placement in Special Education I; Grade Method: REG/AUD; Limited to undergraduate special education majors. Students must reserve two half days (8-1) for this experience. Concurrent registration with EDSP 320 and 321 required. — 3 credits
0101 F.....9:00am-10:30am (EDU 1203) — Amoia, C
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....9:00am-10:30am (EDU 0202) — Amoia, C
TuTh.....8:00am- 1:00pm (Arranged) LAB
0301 F.....10:30am-12:00pm (EDU 1203) — Amoia, C
MW.....8:00am- 1:00pm (Arranged) LAB
0401 F.....10:30am-12:00pm (EDU 0202) — Amoia, C
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP400 Curriculum and Instructional Methods For Severely Handicapped Students; Grade Method: REG/AUD; Prerequisite: EDSP 600 or 210. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 402 or EDSP 431. — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0122) — Kohl, F

EDSP402 Field Placement: Severely Handicapped I; Grade Method: REG/AUD; Students must reserve four half-days (8-1) for this experience. Students must register concurrently in EDSP 400 and EDSP 404. — 5 credits
0101 F.....10:30am-12:00pm (EDU 1315) — Kohl, F
MTuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP402A Field Placement: Severely Handicapped I; Grade Method: REG/AUD; Graduate students — 2-5 credits

only. Contact department to make arrangements.
0101 Time and room to be arranged LAB Kohl, F
0201 Time and room to be arranged LAB Egel, A
0301 Time and room to be arranged LAB Beckman, P
0401 Time and room to be arranged LAB Gradel, K

EDSP404 Education of Autistic Children; Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 600 and EDSP 321, or consent of instructor. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 402. — 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 0202) Egel, A

EDSP411 Field Placement: Severely Handicapped III; Grade Method: REG/AUD; Prerequisite: EDSP 405; Concurrent enrollment in EDSP 412. — 5 credits
0101 F.....9:00am-10:30am (EDU 1315) Kohl, F
MTuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP411A Field Placement: Severely Handicapped III; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-5 credits
0101 Time and room to be arranged LAB Kohl, F
0201 Time and room to be arranged LAB Egel, A
0301 Time and room to be arranged LAB Beckman, P
0401 Time and room to be arranged LAB Gradel, K

EDSP412 Vocational Instruction For Severely Handicapped Students; Grade Method: REG/AUD; Prerequisite: EDSP 210 or 600, and EDSP 400, or consent of instructor. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 411. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1203) Gradel, K

EDSP417 Student Teaching: Severely Handicapped; Grade Method: S-F; Limited to special education majors who have preregistered with the Special Education Department. — 11 credits
0101 Time and room to be arranged Amoia, C

EDSP420 Developmental and Behavioral Characteristics of Nonhandicapped and Handicapped Infants and Young Children; Grade Method: REG/AUD; Prerequisite: EDSP 600 or 210. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 421 or EDSP 411. — 3 credits
0101 Th.....4:15pm- 7:00pm (JMZ 0122) Beckman, P

EDSP421 Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD; Corequisite: EDSP 420. Students must reserve two half-days (8-1) for this experience. — 3 credits
0101 F.....10:30am-12:00pm (EDU 1107) Beckman, P
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (EDU 1107) Beckman, P
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP421A Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-3 credits
0101 Time and room to be arranged LAB Beckman, P
0201 Time and room to be arranged LAB Kohl, F
0301 Time and room to be arranged LAB Lieber, J
0401 Time and room to be arranged LAB Cooper, D

EDSP423 Psychoeducational Assessment of Preschool Handicapped Children; Grade Method: REG/AUD; Prerequisite: EDSP 420 and 422. Co-requisite: EDSP 430 and 431. — 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 0206) Cooper, D

EDSP430 Intervention Techniques and Strategies For Preschool Handicapped Children (Severe to Moderate, Birth - 6 Years); Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 600 and EDSP 420. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 431. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 0118) Beckman, P

EDSP431 Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD; Prerequisite: EDSP 424. Corequisite: EDSP430 and 423. — 4 credits
0101 F.....9:00am-10:30am (EDU 1107) Beckman, P
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP431A Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-4 credits
0101 Time and room to be arranged LAB Beckman, P
0201 Time and room to be arranged LAB Kohl, F
0301 Time and room to be arranged LAB Lieber, J
0401 Time and room to be arranged LAB Cooper, D

EDSP437 Student Teaching: Early Childhood Special Education; Grade Method: S-F; Limited to special education majors who have preregistered with the Special Education Department. — 11 credits
0101 Time and room to be arranged Amoia, C

EDSP441 Assessment and Instructional Design for the Educationally Handicapped: Oral Language and Communication Disorders; Grade Method: REG/AUD; Prerequisites: EDSP 320 or EDSP 600. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 442 or EDSP 431. — 3 credits
0101 MW.....2:45pm- 4:15pm (EDU 0206) Speece, D

EDSP442 Field Placement: Educationally Handicapped I; Grade Method: REG/AUD; Corequisite: EDSP 441. Students must reserve two half-days (8-1) for this experience. — 3 credits
0101 F.....10:30am-12:00pm (EDU 0206) Graham, S
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (EDU 0206) Graham, S
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP442A Field Placement: Educationally Handicapped I; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-3 credits
0101 Time and room to be arranged LAB Graham, S
0201 Time and room to be arranged LAB Leone, P
0301 Time and room to be arranged LAB Harris, K
0401 Time and room to be arranged LAB Speece, D
0501 Time and room to be arranged LAB Cooper, D
0601 Time and room to be arranged LAB Simms, B
0701 Time and room to be arranged LAB Hebeler, J
0801 Time and room to be arranged LAB Seidman, E

EDSP446 Instructional Design for the Educationally Handicapped: Functional Living Skills; Grade Method: REG/AUD; Corequisite: EDSP 447 or EDSP 465 — 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 3236) Graham, S

EDSP447 Field Placement: Educationally Handicapped III; Grade Method: REG/AUD; Prerequisite: EDSP 445; Corequisite: EDSP 446 and 450. — 4 credits
0101 F.....9:00am-10:30am (EDU 0206) Graham, S
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP447A Field Placement: Educationally Handicapped III; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-4 credits
0101 Time and room to be arranged LAB Graham, S
0201 Time and room to be arranged LAB Leone, P
0301 Time and room to be arranged LAB Harris, K
0401 Time and room to be arranged LAB Speece, D
0501 Time and room to be arranged LAB Cooper, D
0601 Time and room to be arranged LAB Simms, B
0701 Time and room to be arranged LAB Hebeler, J
0801 Time and room to be arranged LAB Seidman, E

EDSP450 Program Management For the Educationally Handicapped; Grade Method: REG/AUD; Corequisite: EDSP 446 and 447 or EDSP 465 or EDSP 411 . — 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 0206) Lieber, J

EDSP457 Student Teaching: Educationally Handicapped; Grade Method: S-F; Limited to special education majors who have preregistered with the Special Education Department. — 11 credits
0101 Time and room to be arranged Amoia, C

EDSP460 Career/vocational Education For the Handicapped; Grade Method: REG/AUD; Prerequisite: EDSP 600 or 210. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 461 or EDSP 411 or EDSP 447
0101 MW.....2:45pm- 4:15pm (EDU 0202) Neubert, D

EDSP461 Field Placement: Career/Vocational I; Grade Method: REG/AUD; Students must reserve two half-days (8-1) for this experience. Corequisite: EDSP 460. — 3 credits
0101 F.....10:30am-12:00pm (EDU 2102) Neubert, D
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (EDU 2102) Neubert, D
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP461A Field Placement: Career/Vocational I; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-3 credits
0201 Time and room to be arranged LAB Neubert, D

EDSP465 Field Placement: Career/Vocational III; Grade Method: REG/AUD; Prerequisite: EDSP 463. — 3 credits
0101 F.....9:00am-10:30am (EDU 2102) Neubert, D
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....9:00am-10:30am (EDU 2102) Neubert, D
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP465A Field Placement: Career/Vocational III; Grade Method: REG/AUD; Graduate students only. Contact department to make arrangements. — 2-3 credits
0101 Time and room to be arranged LAB Neubert, D

EDSP467 Student Teaching: Career/Vocational; Grade Method: S-F; Limited to special education majors who have preregistered with the Special Education Department. — 11 credits
0101 Time and room to be arranged Amoia, C

EDSP470 Introduction to Special Education; Grade Method: REG/AUD; Not open to undergraduate special education or pre-special education majors. — 3 credits
0101 TuTh.....2:45pm- 4:15pm (JMZ 0118) STAFF
0201 Tu.....7:00pm- 9:45pm (EDU 2119) Hebeler, J

EDSP471 Characteristics of Exceptional Children: Mentally Retarded; Grade Method: REG/AUD; Prerequisite: EDSP 470 or consent of instructor. Not open to undergraduate EDSP majors. — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2101) STAFF

EDSP481 Characteristics of Exceptional Children: Gifted; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 2117) Simms, B

EDSP482 Education of Exceptional Children: Gifted; Grade Method: REG/AUD; Prerequisite: EDSP 481 or equivalent. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2101) Simms, B

EDSP489 Field Experiences in Special Education; Grade Method: REG/AUD; — 1-4 credits
0101 Time and room to be arranged Amoia, C

EDSP491 Characteristics of Learning Disabled Students; Grade Method: REG/AUD; Prerequisite: EDSP 470, 600 or consent of instructor. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1203) Simms, B

EDSP498 Special Problems in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. — 1-6 credits

EDSP498B (PermReq) Special Problems in Special Education: Career Development and Advising; Grade Method: REG/P-F/AUD; Limited to pre-special and special education majors. — 1-6 credits
0101 F.....12:00pm- 2:00pm (Arranged) Burke, P

EDSP499M Workshops, Clinics, and Institutes in Special Education: Fundamentals of Sign Language I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....4:15pm- 5:30pm (EDU 0114) Aiello, E
0201 MW.....5:45pm- 7:00pm (EDU 0114) Aiello, E

EDSP600 Exceptional Children and Youth; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2102) Cooper, D

EDSP601 Characteristics of Behaviorally Disordered Students; Grade Method: REG/AUD; Prerequisite: EDSP 600. — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 2102) Leone, P

EDSP605 The Exceptional Child and Society; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1203) STAFF

EDSP610 Administration and Supervision of Special Education Programs; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2203) Hebeler, J

EDSP615 Evaluation and Measurement of Exceptional Children and Youth; Grade Method: REG/AUD; Prerequisite: EDSP 600. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2101) Harris, K

EDSP625 Problems in the Education of the Mentally Retarded; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2203) Kohl, F

EDSP678A Seminar in Special Education: Master's Research Seminar; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1109) Hebeler, J

EDSP678E Seminar in Special Education: Language Developement and Disabilities in Young Children; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 0202) Lieber, J

EDSP678K Seminar in Special Education: Advanced Uses of Computers in Special Education; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0206) MacArthur, C

EDSP678L Seminar in Special Education: Special Education and the Criminal Justice System; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2203) Leone, P

EDSP678P Seminar in Special Education: The Handicapped Individual and Educational Policy; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2203) McLaughlin, M

EDSP678V Seminar in Special Education: Current Issues in Career Vocational Education for Handicapped Individuals; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2203) Neubert, D

EDSP798 Special Problems in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. — 1-6 credits

EDSP798B Special Problems in Special Education: Joint Vocational Education Seminar; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) Stough, K

EDSP799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. — 1-6 credits

EDSP860 Doctoral Research Seminar; Grade Method: REG/AUD; Limited to doctoral students in special education. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2203) Graham, S

EDSP888 Apprenticeship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. — 1-8 credits

EDSP889 Internship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. — 3-8 credits

EDSP899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. — 1-8 credits

---

EDUC Education (Education)

EDUC388 (PermReq) Special Topics in Education: Guided Experiences in College Teaching I; Grade Method: REG/P-F/AUD; Enrollment only by permission of Dean for Undergraduate Studies. — 1-3 credits
0101 M.....4:00pm- 6:00pm (TWS 0135) LAB Greenberg, J

ENAE Engineering, Aerospace (Engineering)

ENAE201 Introduction to Aerospace Engineering I; Grade Method: REG/P-F/AUD; — 2 credits
0101 MW.....8:00am- 8:50am (CHE 2110) Windblade, R

ENAE202 Introduction to Aerospace Engineering II; Grade Method: REG/P-F/AUD; — 2 credits
0101 Meets 09/02/87 - 11/13/87 Yanta, W
MWF.....8:00am- 8:50am (EGR 1104)

ENAE305 Aerospace Laboratory I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....1:00pm- 1:50pm (CHM 0119) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 TuTh.....1:00pm- 1:50pm (CHM 0119) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 TuTh.....1:00pm- 1:50pm (CHM 0119) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 TuTh.....1:00pm- 1:50pm (CHM 0119) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 TuTh.....1:00pm- 1:50pm (CHM 0119) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE345 Flight Dynamics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (EGR 1202) Donaldson, B

ENAE371 Aerodynamics I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 0115) Anderson, J

ENAE398 (PermReq) Honors Research Project; Grade Method: REG/P-F; — 3 credits
0101 Time and room to be arranged Barlow, J

ENAE401 Aerospace Laboratory II; Grade Method: REG/P-F/AUD; — 2 credits
0101 Th.....10:00am-10:50am (SYM 0200) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 Th.....10:00am-10:50am (SYM 0200) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 Th.....10:00am-10:50am (SYM 0200) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 Th.....10:00am-10:50am (SYM 0200) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 Th.....10:00am-10:50am (SYM 0200) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE411 Aircraft Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1108) Weissman, C

ENAE445 Stability and Control of Aerospace Vehicles; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (CLB 0111) Regan, F

ENAE451 Flight Structures I: Introduction to Solid Mechanics; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....12:00pm-12:50pm (CHE 2110) Krayterman, B
M.....1:00pm- 4:00pm (CHM 0115) LAB

ENAE452 Flight Structures II: Structural Elements; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (CHE 2110) Donaldson, B

ENAE453 Matrix Methods in Computational Mechanics; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:30pm- 7:00pm (EGR 3114) Chander, S

ENAE461 Flight Propulsion I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....7:45am- 9:00am (CHM 2201) Waltrup, P

ENAE471 Aerodynamics II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....7:35am- 8:50am (CHM 0119) Van Wie, D

ENAE473 Aerodynamics of High-Speed Flight; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 2102) Melnik, W

ENAE475 Viscous Flow and Aerodynamic Heating; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (EGR 1126) Jones, E

ENAE488 (PermReq) Topics in Aerospace Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

ENAE488A Topics in Aerospace Engineering: Astronautics; Grade Method: REG/P-F/AUD; — 1-4 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 3108) Kammeyer, P

ENAE488F Topics in Aerospace Engineering: Composite Structures; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (ITV 1111) Vizzini, T

ENAE488N (PermReq) Topics in Aerospace Engineering: Symbolic Computing Languages in Engineering Systems; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2154) Baras, J
TuTh.....9:00am-11:00am (EGR 0311) LAB

ENAE488S Topics in Aerospace Engineering: Flight Simulation; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Barlow, J

ENAE488W Topics in Aerospace Engineering: Introduction to the Design of Remotely Piloted Vehicles.; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged Winkelmann, A

ENAE499 (PermReq) Elective Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits
0101 Time and room to be arranged Winkelmann, A

ENAE631 Helicopter Aerodynamics I; Grade Method: REG/AUD; — 3 credits
0101 Th.....1:30pm- 4:00pm (CHE 2140) Gessow, A

ENAE635 Helicopter Stability and Control; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 3111) Celi, R

ENAE640 Flight Mechanics I; Grade Method: REG/AUD; — 3 credits
0101 Th.....1:00pm- 3:30pm (EGR 2154) Barlow, J

ENAE650 Variational Methods in Structural Mechanics; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:00pm (EGR 2102) Kushner, A

ENAE654 Composite Structures; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (ITV 1111) Vizzini, T

ENAE655 Structural Dynamics I; Grade Method: REG/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (EGR 2107) Lee, S

ENAE656 Structural Dynamcis II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0102) Chopra, I

ENAE671 Aerodynamics of Incompressible Fluids; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....4:00pm- 5:15pm (EGR 1110) Chien, K

ENAE673 Aerodynamics of Compressible Fluids; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....7:45am- 9:00am (EGR 3114) Vamos, J

ENAE675 Aerodynamics of Viscous Fluids; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 3102) Jones, E

ENAE788 (PermReq) Selected Topics in Aerospace Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ENAE788A Selected Topics in Aerospace Engineering: — 3 credits

High Temperature Gas Dynamics; Grade Method: REG/AUD;
0101 TuTh.....11:00am-12:15pm (EGR 2107) Anderson, J

ENAE788B Selected Topics in Aerospace Engineering: Computational Fluid Dynmamics; Grade Method: REG/AUD; — 3 credits
0101 M.....5:00pm- 8:00pm (EGR 3102) Lekoudis, S

ENAE788S Selected Topics in Aerospace Engineering: Flight Simulation; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Barlow, J

ENAE799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAE899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENAG Engineering Agricultural (Agriculture)

ENAG100 Basic Agricultural Engineering Technology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (SHR 1105) Stewart, L

ENAG200 Introduction to Farm Mechanics; Grade Method: REG/P-F; Course cannot be audited. — 2 credits
0101 M.....1:00pm- 1:50pm (SHR 0106) Grant, L
M.....2:00pm- 5:00pm (SHR 0108) LAB

ENAG 234, 236 and 237 are a series of one-credit mini-courses in aspects of soil and water engineering. Students may elect one course or any combination to three credits. Students must enroll for each course - one credit per course. ENAG 234 begins Sept. 02 and ends Oct. 05; ENAG 236 begins Oct. 07 and ends Nov. 06; ENAG 237 begins Nov. 09 and ends Dec. 11. All courses meet at same time and room - MWF 11:00; SHR 0106.

ENAG234 Principles of Erosion and Water Control; Grade Method: REG/P-F/AUD; — 1 credit
0101 Meets 09/02/87 - 10/05/87 Wanchoo, L
MWF.....11:00am-11:50am (SHR 0106)

ENAG236 Design of Drainage Systems; Grade Method: REG/P-F/AUD; — 1 credit
0101 Meets 10/07/87 - 11/06/87 Wanchoo, L
MWF.....11:00am-11:50am (SHR 0106)

ENAG237 Design of Irrigation Systems; Grade Method: REG/P-F/AUD; — 1 credit
0101 Meets 11/09/87 - 12/11/87 Wanchoo, L
MWF.....11:00am-11:50am (SHR 0106)

ENAG305 Farm Mechanics; Grade Method: REG/P-F/AUD; Open to seniors in AGRI and EXT ED only. — 2 credits
0101 Tu.....1:00pm- 1:50pm (SHR 0106) Grant, L
Tu.....2:00pm- 5:00pm (SHR 1109) LAB

ENAG315 Energy: Its Effects On Agriculture and Food; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....11:00am-11:50am (HJP 0226) Yeck, R

ENAG386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; — 1-3 credits
0101 Time and room to be arranged Yeck, R

ENAG387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; — 1-3 credits
0101 Time and room to be arranged Yeck, R

ENAG421 Power Systems; Grade Method: REG/P-F/AUD; — 3 credits
0101 WF.....11:00am-11:50am (SHR 1105) Harris, W
W.....2:00pm- 5:00pm (SHR 0106) LAB

ENAG422 Soil and Water Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (SHR 0106) Shirmohammadi,

ENAG489 (PermReq) Special Problems in Agricultural Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENAG499 (PermReq) Special Problems in Agricultural Engineering Technology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENAG601 Instrumentation Systems; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-11:50am (SHR 1112) Johnson, A
Th..... 2:00pm- 4:00pm (SHR 0110) LAB

ENAG688 (PermReq) Advanced Topics in Agricultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

ENAG Mini-Course Grad Series: ENAG 688P, 688R, 688S are a series of one-credit courses for graduate students. Students may elect one or a combination but must enroll for each course separately one-credit per course. ENAG 688P begins September 3 and ends October 6; ENAG 688R begins October 8 and ends November 10; ENAG 688S begins November 12 and ends with the semester. All courses in the series meet at the same time and in the same room - TuTh 3:30pm-4:45pm in SHR 1105.

ENAG688P Advanced Topics in Agricultural Engineering: Bioengineering Of Exercise I - Biomechanics; Grade Method: REG/AUD; — 1 credit
0101 Meets 09/03/87 - 10/06/87 Johnson, A
TuTh.....3:30pm- 4:45pm (SHR 1105)

ENAG688R Advanced Topics in Agricultural Engineering: Bioengineering of Exercise II - Cardiovascular Responses; Grade Method: REG/AUD; — 1 credit
0101 Meets 10/08/87 - 11/10/87 Johnson, A
TuTh... ..3:30pm- 4:45pm (SHR 1105)

ENAG688S Advanced Topics in Agricultural Engineering: Bioengineering of Exercise III - Thermal Responses; Grade Method: REG/AUD; — 1 credit
0101 Meets 11/12/87 - 12/10/87 Johnson, A
TuTh.....3:30pm- 4:45pm (SHR 1105)

ENAG688T (PermReq) Advanced Topics in Agricultural Engineering: Techniques for Teaching Agricultural Engineering; Grade Method: REG/AUD; Approval of instructor prior to enrollment required. — 1 credit
0101 TBA (SHR 1112) Johnson, A

ENAG698 Seminar; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Stewart, L

ENAG699 (PermReq) Special Problems in Agricultural and Aquacultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAG799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENAG899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENCE Engineering, Civil (Engineering)

ENCE221 (PermReq) Introduction to Environmental Engineering; Grade Method: REG/P-F/AUD;
0201 TuTh.....9:30am-10:45am (CHM 0127) STAFF

ENCE280 (PermReq) Engineering Survey Measurements; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1120) STAFF
Tu.....1:00pm- 4:00pm (EGR 1110) LAB
0102 TuTh.....11:00am-12:15pm (EGR 1120) STAFF
Th.....1:00pm- 4:00pm (EGR 1110) LAB

ENCE300 (PermReq) Fundamentals of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....1:00pm- 1:50pm (EGR 3106) STAFF
M.....2:00pm- 5:00pm (EGL 0106A) LAB
0102 TuTh.....1:00pm- 1:50pm (EGR 3106) STAFF
Tu.....2:00pm- 5:00pm (EGL 0106A) LAB
0103 TuTh.....1:00pm- 1:50pm (EGR 3106) STAFF
Th.....2:00pm- 5:00pm (EGL 0106A) LAB

ENCE330 (PermReq) Basic Fluid Mechanics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (EGR 0108) STAFF
0201 MWF.....10:00am-10:50am (EGR 1120) STAFF

ENCE340 (PermReq) Fundamentals of Soil Mechanics; Grade Method: REG/P-F/AUD; — 3 credits
0201 MWF.....9:00am- 9:50am (EGR 1104) STAFF

ENCE350 (PermReq) Structural Analysis and Design I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2110) STAFF
0201 TuTh.....9:30am-10:45am (EGR 1108) STAFF

ENCE351 (PermReq) Structural Analysis and Design II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 3106) STAFF

ENCE360 (PermReq) Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....8:00am- 9:15am (CHE 2108) STAFF
W.....2:00pm- 5:00pm (EGR 1106) LAB
0102 TuTh.....8:00am- 9:15am (CHE 2108) STAFF
Th.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE370 (PermReq) Fundamentals of Transportation Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (EGR 3106) STAFF

ENCE410 (PermReq) Advanced Strength of Materials; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 1120) Garber Jr., D

ENCE421 (PermReq) Construction Engineering and Management; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 0104) Smith, M

ENCE432 (PermReq) Ground Water Hydrology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2154) Sternberg, Y

ENCE433 (PermReq) Environmental Engineering Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 MF.....8:00am- 8:50am (EGR 0108) Birkner, F
F.....12:00pm- 3:00pm (CHM 1105) LAB
0102 MF.....8:00am- 8:50am (EGR 0108) Birkner, F
F.....12:00pm- 3:00pm (CHM 1105) LAB

ENCE434 Air Pollution; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0127) Dickerson, R

ENCE435 (PermReq) Sanitary Engineering Analysis and Design; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....11:00am-11:50am (EGR 0135) Hao, O
M.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE440 (PermReq) Engineering Soil Tests; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....1:00pm- 1:50pm (EGR 0108) Goodings, D
MW.....2:00pm- 5:00pm (EGL 0106B) LAB
0102 TuTh.....1:00pm- 1:50pm (EGR 0108) STAFF
TuTh.....2:00pm- 5:00pm (EGL 0106B) LAB

ENCE441 (PermReq) Soil-Foundation Systems; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 0104) STAFF

ENCE450 (PermReq) Design of Steel Structures; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2154) Vannoy, D

ENCE463 (PermReq) Engineering Economics and System Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (EGR 1106) Schonfeld, P

ENCE470 (PermReq) Highway Engineering; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....10:00am-10:50am (EGR 1106) Carter, E
W.....2:00pm- 5:00pm (EGR 0110) LAB

ENCE489 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ENCE489C (PermReq) Special Problems: Construction Scheduling and Estimating; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 0108) STAFF

ENCE489E (PermReq) Special Problems: Construction Contracts and Specifications; Grade Method: REG/AUD; — 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 2154) STAFF

ENCE489N (PermReq) Special Problems: Computer Applications in Civil Engineering; Grade Method: REG; — 3 credits
0101 MW.....3:30pm- 4:45pm (CHM 0122) Schwartz, C

ENCE489V (PermReq) Special Problems: Information Systems for Water Resource and Facilities Management; Grade Method: REG; Senior standing or permission of instructor. — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 0102) Ragan, R

ENCE610 Advanced Strength of Materials; Grade Method: REG; — 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 1120) Garber Jr., D

ENCE630 Environmental and Water Resource Systems I; Grade Method: REG/AUD; — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1124) McCuen, R

ENCE636 Unit Operations of Environmental Engineering; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1124) Walters, R

ENCE637 Biological Principles of Environmental Engineering; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1102) Hao, O

ENCE640 Advanced Soil Mechanics; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 0104) Schwartz, C

ENCE642 Soil Dynamics; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Aggour, M

ENCE645 Embankment Dam Design; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1110) Goodings, D

ENCE655 Plastic Analysis and Design of Structures; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1110) Albrecht, P

ENCE670 Highway Traffic Characteristics and Measurements; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1102) Carter, E

ENCE672 Regional Transportation Planning; Grade Method: REG/AUD; — 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 1106) Schonfeld, P

ENCE674 Urban Transit Planning and Rail Transportation Engineering; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 1102) Schonfeld, P

ENCE677 Quantitative Methods in Transportation Engineering; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 0102) Perl, J

ENCE688 Advanced Topics in Civil Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENCE688F Advanced Topics in Civil Engineering: Computer Applications in Construction; Grade Method: REG/AUD; — 1-3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 0104) Bernold, L

ENCE688G Advanced Topics in Civil Engineering: Information & Material Management; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 0104) Bernold, L

ENCE688I Advanced Topics in Civil Engineering: Structural Dynamics; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 0102) Chang, P

ENCE688M Advanced Topics in Civil Engineering: Masonry Structures; Grade Method: REG/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 0104) Wolde-Tinsae, A

ENCE688P Advanced Topics in Civil Engineering: Performance of Buildings and Civil Structures; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3108) Vannoy, D

ENCE688R Advanced Topics in Civil Engineering: Project Acquisition and Risk Management; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....6:30pm- 7:45pm (MTH 0107) Smith, M

ENCE688S Advanced Topics in Civil Engineering: Cost Engineering and Control; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1120) STAFF

ENCE688U Advanced Topics in Civil Engineering: Management of Hazardous Wastes; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 7:00pm (EGR 2102) Sternberg, Y

ENCE688X Advanced Topics in Civil Engineering: Construction Contracts and Specifications; Grade Method: REG/AUD; — 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 2154) STAFF

ENCE689 Seminar; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

ENCE689C Seminar: Construction Seminar; Grade Method: REG/AUD; — 1 credit
0101 F.....1:00pm- 3:00pm (EGR 1124) STAFF

ENCE733 Applied Water Chemistry; Grade Method: REG/AUD; — 4 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 1102) Birkner, F
Time and room to be arranged LAB

ENCE741 Aircraft Remote Sensing in Civil Engineering; Grade Method: REG/AUD; — 3 credits
0101 Tu.....5:00pm- 9:00pm (EGR 3111) Rib, H

ENCE746 Pavement Management Systems; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Witczak, M

ENCE753 Reinforced Concrete Structures; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 3114) Ayyub, B

ENCE799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENCE899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENCH Engineering, Chemical (Engineering)

ENCH215 (PermReq) Chemical Engineering Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-11:50am (CHE 2110) Calabrese, R
F.....11:00am-11:50am (CHE 2110) DIS
0102 MW.....11:00am-11:50am (CHE 2110) Calabrese, R
F.....11:00am-11:50am (CHE 2116) DIS
0103 MW.....11:00am-11:50am (CHE 2110) Calabrese, R
F.....11:00am-11:50am (CHE 2145) DIS
0104 MW.....11:00am-11:50am (CHE 2110) Calabrese, R
F.....11:00am-11:50am (CHE 2118) DIS
0105 Time and room to be arranged STAFF
Time and room to be arranged DIS

ENCH300 (PermReq) Chemical Process Thermodynamics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am- 9:50am (CHE 2108) STAFF
F.....9:00am- 9:50am (CHE 2108) DIS

ENCH333 (PermReq) Chemical Engineering Seminar; Grade Method: REG/P-F/AUD; — 1 credit
0101 Tu.....1:00pm- 1:50pm (CHE 2136) Gasner, L

ENCH425 (PermReq) Transport Processes II: Heat Transfer; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....10:00am-10:50am (CHE 2110) Hsu, Y
F.....10:00am-10:50am (CHE 2110) DIS
0102 MW.....10:00am-10:50am (CHE 2110) Hsu, Y
F.....11:00am-11:50am (CHE 2140) DIS

ENCH437 (PermReq) Chemical Engineering Laboratory; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....11:00am- 6:00pm (Arranged) LAB Regan, T
0201 Tu.....11:00am- 6:00pm (Arranged) LAB Regan, T
0301 Time and room to be arranged Regan, T
Time and room to be arranged LAB

ENCH444 (PermReq) Process Engineering Economics and Design I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....3:00pm- 3:50pm (CHE 2110) Beckmann, R

ENCH450 (PermReq) Chemical Process Development; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2136) Regan, T

ENCH452 (PermReq) Advanced Chemical Engineering Analysis Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (CHE 2120) STAFF

ENCH468 (PermReq) Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENCH468C (PermReq) Research: Symbolic Computing Languages in Engineering Systems; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2154) Baras, J
TuTh.....9:00am-11:00am (EGR 0311) LAB

ENCH482 (PermReq) Biochemical Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (CHE 2108) Gasner, L

ENCH490 (PermReq) Introduction to Polymer Science; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (CHE 2145) Smith, T

ENCH609 (PermReq) Graduate Seminar; Grade Method: REG/AUD; — 1 credit
0101 Tu.....2:00pm- 2:50pm (CHE 2136) Gentry, J

ENCH620 (PermReq) Methods of Engineering Analysis; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:30pm- 6:45pm (CHE 2136) Halemane, K

ENCH630 (PermReq) Transport Phenomena; Grade Method: REG/AUD; — 3 credits
0101 MW.....4:00pm- 5:15pm (CHE 2136) Gentry, J

ENCH648 (PermReq) Special Problems in Chemical Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

ENCH648A Special Problems in Chemical Engineering: Catalysis; Grade Method: REG/AUD; Some background in physical chemistry (especially kinetics) is necessary in order to take this course. — 2 credits
0101 W.....5:30pm- 7:10pm (CHE 2120) Spencer, N

ENCH735 Chemical Process Dynamics; Grade Method: REG/AUD; — 3 credits
0101 MW.....1:00pm- 2:15pm (CHE 2136) Zafiriou, E

ENCH762 (PermReq) Advanced Biochemical Engineering; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....4:00pm- 5:30pm (CHE 2120) Wang, N

ENCH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENCH828 (PermReq) Advanced Topics in Chemical Reaction Systems: Advanced Topics in Chemical Reaction Systems; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (CHE 2120) Choi, K

ENCH899 (PermReq) Doctoral Dissertation Research: Chemical Engineering; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENCO Engineering, Cooperative Education (Engineering)

ENCO098 Co-Op Work Experience; Grade Method: S-F; No credit
(PermReq) If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes.
0101 Time and room to be arranged Winick, H

ENCO099 Co-Op Work Experience; Grade Method: S-F; No credit
(PermReq) If dropping course, see Withdrawl and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes.
0101 Time and room to be arranged Winick, H

ENEE Engineering, Electrical (Engineering)

ENEE204 Systems and Circuits I; Grade Method: REG; 3 credits
(PermReq) Prerequisite: MATH 141. Engineering College only (04).
0101 TuTh.....9:30am-10:45am (EGR 1202) STAFF
M.....1:00pm- 1:50pm (CHM 0122) DIS
0103 TuTh.....9:30am-10:45am (EGR 1202) STAFF
Tu.....2:00pm- 2:50pm (CHM 0128) DIS
0105 TuTh.....9:30am-10:45am (EGR 1202) STAFF
W.....12:00pm-12:50pm (CHM 2201) DIS
0106 TuTh.....9:30am-10:45am (EGR 1202) STAFF
W.....2:00pm- 2:50pm (CHM 0124) DIS
0107 TuTh.....9:30am-10:45am (EGR 1202) STAFF
Th.....8:00am- 8:50am (MTH 0302) DIS
0108 TuTh.....9:30am-10:45am (EGR 1202) STAFF
F.....9:00am- 9:50am (EGR 1102) DIS

ENEE250 Computer Structures; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENES 240. Engineering college (04) only.
0101 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
M.....8:00am- 8:50am (EGR 3110) DIS
0102 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
M.....12:00pm-12:50pm (EGR 0135) DIS
0103 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
M.....2:00pm- 2:50pm (CHM 0122) DIS
0104 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
Tu.....8:00am- 8:50am (EGR 2112) DIS
0105 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
W.....2:00pm- 2:50pm (CHM 0124) DIS
0106 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
Th.....8:00am- 8:50am (EGR 1124) DIS
0107 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
Th.....2:00pm- 2:50pm (EGR 2112) DIS
0108 TuTh.....12:30pm- 1:45pm (ARM 0131) STAFF
W.....9:00am- 9:50am (EGR 3111) DIS

ENEE300 Principles of Electrical Engineering; 3 credits
(PermReq) Grade Method: REG; Prerequisite: MATH 241 and PHYS 262. Engineering college (04) only.
0101 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Tu.....1:00pm- 1:50pm (ZOP 1234) DIS
0102 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Th.....1:00pm- 1:50pm (EGR 2112) DIS
0103 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Tu.....2:00pm- 2:50pm (EGR 2154) DIS
0104 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Th.....2:00pm- 2:50pm (CHM 0128) DIS
0106 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
W.....8:00am- 8:50am (CHM 0128) DIS
0107 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
W.....9:00am- 9:50am (CHM 0122) DIS
0109 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
W.....2:00pm- 2:50pm (EGR 2112) DIS

ENEE301 Electrical Engineering Laboratory; Grade 1 credit
(PermReq) Method: REG; Corequisite: ENEE 300. Engineering college (04) only.
0101 F.....8:00am- 8:50am (CHE 2110) STAFF
M.....1:00pm- 3:00pm (EGL 0122) LAB
0102 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....1:00pm- 3:00pm (EGL 0122) LAB
0103 F.....8:00am- 8:50am (CHE 2110) STAFF
W.....1:00pm- 3:00pm (EGL 0122) LAB
0104 F.....8:00am- 8:50am (CHE 2110) STAFF
Th.....1:00pm- 3:00pm (EGL 0122) LAB
0106 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....3:00pm- 5:00pm (EGL 0122) LAB
0107 F.....8:00am- 8:50am (CHE 2110) STAFF
M.....3:30pm- 5:30pm (EGL 0122) LAB
0108 F.....8:00am- 8:50am (CHE 2110) STAFF
W.....3:30pm- 5:30pm (EGL 0122) LAB

ENEE304 Systems and Circuits II; Grade Method: 3 credits
(PermReq) REG; Prerequisite: ENEE 204 and corequisite: Math 246. ENEE majors (09090) only.
0101 MWF.....8:00am- 8:50am (EGR 3106) STAFF
0201 MWF.....9:00am- 9:50am (EGR 3106) STAFF
0301 MWF.....11:00am-11:50am (EGR 1108) STAFF
0401 TuTh.....8:00am- 9:15am (EGR 0108) STAFF
0501 TuTh.....9:30am-10:45am (ZOP 1124) STAFF

ENEE305 Fundamental Laboratory; Grade Method: REG; 2 credits
(PermReq) Prerequisite: ENEE 204 and corequisite: ENEE 304. ENEE (09090) majors only. Completion of ENEE 304 recommended.
0101 F.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....8:00am-11:00am (EGL 0132) LAB
0102 F.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....8:00am-11:00am (EGL 0132) LAB
0103 F.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....12:00pm- 3:00pm (EGL 0132) LAB
0104 F.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....12:00pm- 3:00pm (EGL 0132) LAB
0105 F.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....3:00pm- 6:00pm (EGL 0132) LAB
0106 F.....12:00pm-12:50pm (ARM 0126) STAFF
F.....1:00pm- 4:00pm (EGL 0132) LAB
0107 F.....12:00pm-12:50pm (ARM 0126) STAFF
M.....1:00pm- 4:00pm (EGL 0132) LAB
0108 F.....12:00pm-12:50pm (ARM 0126) STAFF
W.....3:00pm- 6:00pm (EGL 0132) LAB

ENEE314 Electronic Circuits; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 304. ENEE majors (09090) only.
0101 MWF.....8:00am- 8:50am (ITV 1111) STAFF
0201 MWF.....9:00am- 9:50am (EGR 1126) STAFF
0401 TuTh.....8:00am- 9:15am (EGR 0110) STAFF
0501 TuTh.....9:30am-10:45am (EGR 3106) STAFF
0601 TuTh.....5:00pm- 6.15pm (MTH 0405) STAFF

ENEE322 Signal and System Theory; Grade Method: 3 credits
(PermReq) REG; Prerequisite: ENEE 204 and MATH 246. ENEE majors (09090) only.
0101 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
Tu.....2:00pm- 3:00pm (EGR 1106) DIS
0102 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
Tu.....4:00pm- 5:00pm (CHE 2118) DIS
0103 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....12:00pm- 1:00pm (EGR 1104) DIS
0104 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
Th.....8:00am- 9:00am (CHE 2116) DIS
0105 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....10:00am-11:00am (CLB 0102) DIS
0107 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....2:00pm- 3:00pm (CHE 2140) DIS
0108 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....4:00pm- 5:00pm (EGR 0102) DIS
0109 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....10:00am-11:00am (CHM 0122) DIS
0110 TuTh.....11:00am-12:15pm (ARM 0135) STAFF
W.....11:00am-12:00pm (CHM 0122) DIS

ENEE324 Engineering Probability; Grade Method: 3 credits
(PermReq) REG; Prerequisite: ENEE 322. ENEE majors (09090) only.
0101 TuTh.....9:30am-10:45am (PHY 1410) STAFF
Tu.....2:00pm- 3:00pm (EGR 3114) DIS
0102 TuTh.....9:30am-10:45am (PHY 1410) STAFF
Tu.....4:00pm- 5:00pm (HBK 0117) DIS
0103 TuTh.....9:30am-10:45am (PHY 1410) STAFF
W.....10:00am-11:00am (ANS 1109) DIS
0105 TuTh.....9:30am-10:45am (PHY 1410) STAFF
W.....11:00am-12:00pm (ANS 1109) DIS
0107 TuTh.....9:30am-10:45am (PHY 1410) STAFF
W.....2:00pm- 3:00pm (CHM 0127) DIS
0108 TuTh.....9:30am-10:45am (PHY 1410) STAFF
W.....4:00pm- 5:00pm (PHY 1219) DIS

ENEE380 Electromagnetic Theory; Grade Method: REG; 3 credits
(PermReq) Prerequisites: MATH 241 and PHYS 263. ENEE majors (09090) only.
0101 MWF.....11:00am-11:50am (EGR 1126) STAFF
0201 MW.....8:00am- 9:15am (EGR 1102) STAFF
0301 MWF.....10:00am-10:50am (EGR 3106) STAFF
0401 TuTh.....8:00am- 9:15am (ITV 1111) STAFF
0501 MWF.....1:00pm- 1:50pm (EGR 1108) STAFF
0701 TuTh.....9:30am-10:45am (CHM 0119) STAFF

ENEE381 Electromagnetic Wave Propagation; Grade 3 credits
(PermReq) Method: REG; Prerequisite: ENEE 380. ENEE majors only (09090).
0101 MWF.....8:00am- 8:50am (EGR 0110) STAFF
0201 MWF.....9:00am- 9:50am (EGR 1120) STAFF
0301 MWF.....10:00am-10:50am (EGR 0110) STAFF
0401 TuTh.....9:30am-10:45am (EGR 1126) STAFF
0501 MWF.....1:00pm- 1:50pm (EGR 0110) STAFF

ENEE412 Advanced Electronics; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 314. ENEE majors only
0101 TuTh.....11:00am-12:15pm (EGR 1106) STAFF

ENEE413 Electronics Laboratory; Grade Method: REG; 2 credits
(PermReq) Corequisite: ENEE 314 and prerequisite: ENEE 305. ENEE majors (09090) only.
0101 W.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....8:00am-11:00am (EGL 0122A) LAB
0102 W.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:30pm- 3:30pm (EGL 0122A) LAB
0103 W.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....8:00am-11:00am (EGL 0122A) LAB
0104 W.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....12:30pm- 3:30pm (EGL 0122A) LAB
0105 W.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 4:00pm (EGL 0122A) LAB
0106 W.....12:00pm-12:50pm (EGR 1202) STAFF
W.....1:00pm- 4:00pm (EGL 0122A) LAB
0107 W.....12:00pm-12:50pm (EGR 1202) STAFF
M.....12:00pm- 3:00pm (EGL 0122A) LAB
0108 W.....12:00pm-12:50pm (EGR 1202) STAFF
M.....3:00pm- 6:00pm (EGL 0122A) LAB

ENEE418 Projects in Electrical Engineering: 1-3 credits
(PermReq) General Electrical Engineering Projects; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only.

ENEE420 Communication Systems; Grade Method: REG; 3 credits
(PermReq) Prerequisite ENEE 324. ENEE majors (09090) only.
0101 TuTh.....12:30pm- 1:45pm (EGR 2107) STAFF
0201 MW.....5:00pm- 6:15pm (EGR 3110) STAFF
0401 TuTh.....6:30pm- 7:45pm (EGR 1126) STAFF

ENEE425 Digital Signal Processing; Grade Method: 3 credits
(PermReq) REG; Prerequisite: ENEE 322. ENEE majors (09090) only.
0101 TuTh.....2:00pm- 3:15pm (EGR 3106) STAFF
0201 TuTh.....5:00pm- 6:15pm (EGR 0110) STAFF
0301 MW.....5:00pm- 6:15pm (EGR 1120) STAFF

ENEE435 Electrodes and Electrical Processes in 3 credits
(PermReq) Biology and Medicine; Grade Method: REG; Prerequisite: ENEE 204 or ENEE 300. ENEE majors (09090) only.
0101 TuTh.....3:30pm- 4:45pm (EGR 3106) STAFF

ENEE440 Microprocessors; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 250. ENEE majors only (09090).
0101 TuTh.....2:00pm- 3:15pm (EGR 0108) STAFF
0201 TuTh.....5:00pm- 6:15pm (EGR 1104) STAFF
0301 TuTh.....8:00am- 9:15am (ITV 1100) STAFF

ENEE442 Software Engineering; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 250. ENEE Majors Only (09090).
0101 TuTh.....3:30pm- 4:45pm (ITV 1111) STAFF

ENEE444 Logic Design of Digital Systems; Grade 3 credits
(PermReq) Method: REG; Prerequisite: ENEE 250. ENEE majors (09090) only.
0101 MW.....5:00pm- 6:15pm (EGR 3106) STAFF
0301 TuTh.....8:00am- 9:15am (EGR 1108) STAFF
0401 TuTh.....5:00pm- 6:15pm (EGR 1126) STAFF

ENEE445 Computer Laboratory; Grade Method: REG; 2 credits
(PermReq) Prerequisite: ENEE 444 and ENEE 305. ENEE majors (09090) only.
0101 Tu.....10:00am-10:50am (CHM 0128) STAFF
Tu.....12:30pm- 3:30pm (EGL 0130) LAB
0102 Tu.....10:00am-10:50am (CHM 0128) STAFF
Th.....9:00am-12:00pm (EGL 0130) LAB
0103 Tu.....10:00am-10:50am (CHM 0128) STAFF
Th.....12:30pm- 3:30pm (EGL 0130) LAB

ENEE446 Digital Computer Design; Grade Method: 3 credits
(PermReq) REG; Prerequisite: ENEE 250. ENEE majors (09090) only.
0101 TuTh.....5:00pm- 6:15pm (EGR 2107) STAFF
0201 MW.....5:00pm- 6:15pm (EGR 2154) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 0108) STAFF

ENEE460 Control Systems; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 322. ENEE majors (09090) only.
0101 MW.....2:00pm- 3:15pm (EGR 0108) STAFF
0201 TuTh.....5:00pm- 6:15pm (EGR 0108) STAFF

ENEE483 Electromagnetic Measurements Laboratory; 2 credits
(PermReq) Grade Method: REG; Prerequisite: ENEE 305 and ENEE 380. ENEE majors (09090) only.
0101 Tu.....1:00pm- 1:50pm (EGR 1124) STAFF
Tu.....2:00pm- 5:00pm (EGR 1124) LAB

ENEE488E Topics in Electrical Engineering: 3 credits
(PermReq) Electrical Power System Components; Grade Method: REG; Prerequisites: ENEE 304 and ENEE 380. ENEE majors (09090) only.
0101 TuTh.....9:30am-10:45am (EGR 0110) STAFF

ENEE488F Topics in Electrical Engineering: Power 3 credits
(PermReq) Electronics; Grade Method: REG; Prerequisite: ENEE 314; ENEE Major (09090) only.
0101 MW.....5:00pm- 6:15pm (EGR 0135) STAFF

ENEE488G Topics in Electrical Engineering: 3 credits
(PermReq) Fundamentals of Microwave Devices; Grade Method: REG; Prerequisite: ENEE 381. ENEE majors (09090) only.
0101 MW.....2:00pm- 3:15pm (EGR 1104) STAFF

ENEE488I Topics in Electrical Engineering: Random 3 credits
(PermReq) Processes in Communications and Control; Grade Method: REG; Prerequisite: ENEE 324. ENEE majors (09090) only.
0101 TuTh.....11:00am-12:15pm (EGR 1126) STAFF

ENEE488K Topics in Electrical Engineering: Optical 3 credits
(PermReq) System Design; Grade Method: REG; Co-requisite: ENEE 381. ENEE majors (09090) only.
0101 TuTh.....2:00pm- 3:15pm (EGR 1104) STAFF

ENEE488N Topics in Electrical Engineering: Symbolic 3 credits
(PermReq) Computing Languages in Engineering Systems; Grade Method: REG/P-F/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 2154) Baras, J
TuTh.....9:00am-11:00am (EGR 0311) LAB

ENEE488P Topics in Electrical Engineering: 3 credits
(PermReq) Micro-Processor Real-Time System; Grade Method: REG; Prerequisite: ENEE 440, ENEE majors (09090) only.
0101 TuTh.....2:00pm- 3:15pm (EGR 0110) STAFF

ENEE494 Solid State Devices; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENEE 314 and ENEE majors (09090) only.
0101 TuTh.....5:00pm- 6:15pm (EGR 1108) STAFF

ENEE496 Lasers and Electro-optic Devices; Grade 3 credits
(PermReq) Method: REG; Corequisite: ENEE 381; ENEE majors (09090) only.
0101 MW.....3:30pm- 4:45pm (EGR 0108) STAFF

ENEE608A Graduate Seminar: Controls; Grade Method: 1-3 credits
REG/AUD;
0101 F.....2:00pm- 3:00pm (EGR 1126) STAFF

ENEE608B Graduate Seminar: Microelectronics 1-3 credits
Seminar; Grade Method: REG/AUD;
0101 F.....3:00pm- 4:00pm (EGR 3102) STAFF

ENEE608C Graduate Seminar: Communications Seminar; 1-3 credits
Grade Method: REG/AUD;
0101 F.....4:00pm- 4:50pm (EGR 3114) STAFF

ENEE608D Graduate Seminar: Computers; Grade Method: 1-3 credits
REG/AUD;
0101 Tu.....5:00pm- 7:00pm (EGR 3102) STAFF

ENEE608E Graduate Seminar: Biomedical Seminar; 1-3 credits
Grade Method: REG/AUD;
0101 Tu.....5:00pm- 7:00pm (EGR 3102) STAFF

ENEE608F Graduate Seminar: Electrophysics Seminar; 1-3 credits
Grade Method: REG/AUD;
0101 F.....4:00pm- 5:00pm (EGR 3111) STAFF

ENEE608G Graduate Seminar: Independent Study; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENEE609 Projects in Electrical Engineering; Grade 1-3 credits
Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENEE610 Electrical Network Theory; Grade Method: 3 credits
REG/AUD;
0101 TuTh.....11:00am-12:15pm (EGR 3108) STAFF

ENEE620 Random Processes in Communication and 3 credits
Control; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 2154) STAFF
0201 MW.....6:30pm- 7:45pm (ITV 1111) STAFF

ENEE625 Multi-user Communication; Grade Method: 3 credits
REG/AUD;
0101 TuTh.....6:30pm- 7:45pm (ITV 1111) STAFF

ENEE646 Digital Computer Design; Grade Method: 3 credits
REG/AUD;
0101 MW.....12:30pm- 1:45pm (EGR 2107) STAFF

ENEE648A Advanced Topics in Electrical Engineering: 3 credits
Microwave Circuits; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 1108) STAFF

ENEE648B Advanced Topics in Electrical Engineering: 3 credits
Microcomputer-Based System Design; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 1126) STAFF

ENEE648C Advanced Topics in Electrical Engineering: 3 credits
VLSI Design; Grade Method: REG/AUD;
0101 TuTh.....6:30pm- 7:45pm (EGR 2107) STAFF

ENEE648D Advanced Topics in Electrical Engineering: 3 credits
Semiconductor Technology; Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 0110) STAFF

ENEE648E Advanced Topics in Electrical Engineering: 3 credits
VLSI Architectures; Grade Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (ITV 1111) STAFF

ENEE648F Advanced Topics in Electrical Engineering: 3 credits
Adaptive Control; Grade Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 1126) STAFF

ENEE648I Advanced Topics in Electrical Engineering: 3 credits
Operating Systems; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (ITV 1111) STAFF

ENEE648M Advanced Topics in Electrical Engineering: 3 credits
Compound Semiconductor Technology; Grade Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (EGR 3106) STAFF

ENEE654 Combinatorial Switching Theory; Grade 3 credits
Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (ITV 1111) STAFF

ENEE661 Nonlinear Control Systems; Grade Method: 3 credits
REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 1108) STAFF

ENEE663 System Theory; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1108) STAFF

ENEE680 Electromagnetic Theory I; Grade Method: 3 credits
REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 3106) STAFF

ENEE690 Quantum and Wave Phenomena With Electrical 3 credits
Application; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 1104) STAFF

ENEE696 Integrated and Microwave Electronics; 3 credits
Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 2107) STAFF

ENEE697 Semiconductor Devices and Technology; 3 credits
Grade Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 3108) STAFF

ENEE721 Information Theory; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (ITV 1111) STAFF

ENEE724 Digital Signal Processing; Grade Method: 3 credits
REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 2107) STAFF

ENEE769 Advanced Topics in Control Theory: Design 3 credits
and Control of Robotic Manipulation; Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 1126) STAFF

ENEE791 Quantum Electronics II; Grade Method: 3 credits
REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 0108) STAFF

ENEE793 Solid State Electronics; Grade Method: 3 credits
REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 1126) STAFF

ENEE799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

ENEE899 Doctoral Dissertation Research. Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

ENES Engineering Science (Engineering)

ENES101 Introductory Engineering Science; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Prerequisite: Must be a student in the College of Engineering.
0101 MW.....8:00am- 8:50am (EGR 1202) STAFF
Tu.....8:00am-10:00am (CHM 0122) DIS
0102 MW.....8:00am- 8:50am (EGR 1202) STAFF
Tu.....10:00am-12:00pm (CHM 0122) DIS
0103 MW.....8:00am- 8:50am (EGR 1202) STAFF
Th.....8:00am-10:00am (CHM 0122) DIS
0104 MW.....8:00am- 8:50am (EGR 1202) STAFF
Th.....10:00am-12:00pm (CHM 0122) DIS
0105 MW.....8:00am- 8:50am (EGR 1202) STAFF
F.....8:00am-10:00am (EGR 0135) DIS
0106 MW.....8:00am- 8:50am (EGR 1202) STAFF
F.....12:00pm- 2:00pm (CHM 0124) DIS
0201 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....8:00am-10:00am (HBK 0117) DIS
0202 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....10:00am-12:00pm (ZOP 1228) DIS
0203 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Tu.....1:00pm- 3:00pm (CHM 0122) DIS
0204 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....8:00am-10:00am (HBK 0117) DIS
0205 MW.....12:00pm-12:50pm (ARM 0126) STAFF
Th.....1:00pm- 3:00pm (EGR 1120) DIS
0301 TuTh.....1:00pm- 1:50pm (ZOP 1240) STAFF
M.....1:00pm- 3:00pm (EGR 2154) DIS
0302 TuTh.....1:00pm- 1:50pm (ZOP 1240) STAFF
M.....1:00pm- 3:00pm (EGR 1110) DIS
0303 TuTh.....1:00pm- 1:50pm (ZOP 1240) STAFF
W.....12:00pm- 2:00pm (CHM 0124) DIS
0304 TuTh.....1:00pm- 1:50pm (ZOP 1240) STAFF
W.....1:00pm- 3:00pm (CHM 0122) DIS
0305 TuTh.....1:00pm- 1:50pm (ZOP 1240) STAFF
W.....1:00pm- 3:00pm (EGR 2154) DIS
0306 TuTh.....1:00pm- 1:50pm (ZOP 1240) STAFF
F.....12:00pm- 2:00pm (CHE 2118) DIS

ENES110 Statics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Prerequisite: MATH 140. Limited to engineering students. Must be a student in the College of Engineering.
0101 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
M.....12:00pm- 2:00pm (EGR 3110) DIS
0102 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
Tu.....11:00am- 1:00pm (EGR 3110) DIS
0103 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
Th.....11:00am- 1:00pm (CHM 0128) DIS
0104 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
F.....12:00pm- 2:00pm (CHE 2140) DIS
0201 TuTh.....1:00pm- 1:50pm (EGR 1202) STAFF
M.....12:00pm- 2:00pm (CHM 0124) DIS
0202 TuTh.....1:00pm- 1:50pm (EGR 1202) STAFF
M.....2:00pm- 4:00pm (CHM 0124) DIS
0203 TuTh.....1:00pm- 1:50pm (EGR 1202) STAFF
M.....2:00pm- 4:00pm (EGR 0110) DIS
0204 TuTh.....1:00pm- 1:50pm (EGR 1202) STAFF
F.....1:00pm- 3:00pm (EGR 2154) DIS

ENES220 Mechanics of Materials; Grade Method: REG/AUD; — 3 credits

0101	MWF.....8:00am- 8:50am (CHE 2108)		STAFF
0201	MWF.....9:00am- 9:50am (CHM 0127)		STAFF
0301	MWF.....10:00am-10:50am (CHE 2108)		STAFF
0401	MWF.....11:00am-11:50am (CHM 0119)		STAFF
0501	TuTh.....8:00am- 9:15am (CHM 0127)		STAFF

ENES221 Dynamics; Grade Method: REG/P-F/AUD; (PermReq) Prerequisite: ENES 110. Corequisite: MATH 241. — 3 credits

0101	MW.....8:00am- 8:50am (ARM 0126)		STAFF
	M.....1:00pm- 3:00pm (CHE 2140)	DIS	
0102	MW.....8:00am- 8:50am (ARM 0126)		STAFF
	M.....1:00pm- 3:00pm (ZOP 1234)	DIS	
0103	MW.....8:00am- 8:50am (ARM 0126)		STAFF
	W.....1:00pm- 3:00pm (CHE 2145)	DIS	
0104	MW.....8:00am- 8:50am (ARM 0126)		STAFF
	W.....1:00pm- 3:00pm (CHM 0119)	DIS	
0105	MW.....8:00am- 8:50am (ARM 0126)		STAFF
	F.....8:00am-10:00am (EGR 3110)	DIS	
0106	MW.....8:00am- 8:50am (ARM 0126)		STAFF
	F.....8:00am-10:00am (CHE 2145)	DIS	
0201	TuTh.....8:00am- 8:50am (ZOP 1240)		STAFF
	M.....1:00pm- 3:00pm (CHE 2145)	DIS	
0202	TuTh.....8:00am- 8:50am (ZOP 1240)		STAFF
	Tu.....1:00pm- 3:00pm (EGR 2112)	LAB	
0204	TuTh.....8:00am- 8:50am (ZOP 1240)		STAFF
	Th.....1:00pm- 3:00pm (CHM 0122)	DIS	

ENES230 Introduction to Materials and Their Applications; Grade Method: REG/P-F/AUD; (PermReq) — 3 credits

0101	TuTh.....3:30pm- 4:45pm (CHE 2108)	Arsenault, R

ENES240 Engineering Computation; Grade Method: REG; Prerequisite: MATH 141 and ENES 101. Engineering College (04) only. (PermReq) — 3 credits

0101	TuTh.....12:00pm-12:50pm (ARM 0126)		STAFF
	Tu.....8:00am-10:00am (CHE 2140)	LAB	
0103	TuTh.....12:00pm-12:50pm (ARM 0126)		STAFF
	Tu.....10:00am-12:00pm (ARM 0105)	LAB	
0104	TuTh.....12:00pm-12:50pm (ARM 0126)		STAFF
	Tu.....10:00am-12:00pm (EGR 2112)	LAB	
0105	TuTh.....12:00pm-12:50pm (ARM 0126)		STAFF
	Tu.....1:00pm- 3:00pm (EGR 1120)	LAB	
0106	TuTh.....12:00pm-12:50pm (ARM 0126)		STAFF
	Th.....8:00am-10:00am (EGR 2112)	LAB	
0108	TuTh.....12:00pm-12:50pm (ARM 0126)		STAFF
	Th.....10:00am-12:00pm (CHE 2140)	LAB	
0109	TuTh.....12:00pm-12:50pm (ARM 0126)		STAFF
	Th.....10:00am-12:00pm (ARM 0105)	LAB	
0110	TuTh.....12:00pm-12:50pm (ARM 0126)		STAFF
	Th.....1:00pm- 3:00pm (CHE 2136)	LAB	
0111	TuTh.....12:00pm-12:50pm (ARM 0126)		STAFF
	Th.....1:00pm- 3:00pm (EGR 3110)	LAB	
0112	TuTh.....12:00pm-12:50pm (ARM 0126)		STAFF
	F.....1:00pm- 3:00pm (EGR 1120)	LAB	

ENES386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENES387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENES388 Engineering Honors Seminar; Grade Method: REG/P-F; — 1 credit

0101	W.....12:00pm- 1:00pm (EGR 0135)	Dieter Jr., G

ENES388G (PermReq) Engineering Honors Seminar: Introduction to General Education for Engineers; Grade Method: REG/P-F; Instructors: Dr. Marilyn Berman and Dr. Richard McCuen. Recommended for engineering students who have completed at least one semester. — 1 credit

0101	F.....9:00am- 9:50am (EGR 3111)	Berman, M

ENFP Engineering, Fire Protection — (Engineering)

ENFP251 Introduction to Fire Protection Engineering; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:00am-11:00am (EGR 0135)	Milke, J

ENFP310 (PermReq) Fire Protection Systems Design I; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....8:00am-10:00am (EGR 0135)	STAFF

ENFP320 (PermReq) Pyrometrics of Materials; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....3:00pm- 5:00pm (EGR 0135)	Bryan, J

ENFP412 (PermReq) Heat Transfer Applications in Fire Protection; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....1:00pm- 3:00pm (EGR 0135)	Milke, J

ENFP417 (PermReq) Fire Protection Hydraulic Design; Grade Method: REG/P-F/AUD; — 3 credits

0101	W.....6:30pm- 9:30pm (EGR 0135)	Walton, W

ENFP489 (PermReq) Special Topics: Fire Dynamics; Grade Method: REG/P-F/AUD; — 3 credits

0101	Th.....5:00pm- 8:00pm (EGR 2112)	Quintiere, J

ENFP489A Special Topics: Computer Analysis in Fire Protection Engineering; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 4:00pm (EGR 0135)	STAFF

ENGL English — (Arts and Humanities)

ENGL001 Basic Reading; Grade Method: S-F; If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 0108)	Slater, W
0201	MWF.....10:00am-10:50am (CHE 2120)	Bensky, S

For courses related to English, please see the listings under Comparative Literature(CMLT).

ENGL101 Introduction to Writing; Grade Method: REG; Students with a TWSE score below 33 must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101. — 3 credits

0001	MWF.....8:00am- 8:50am (TLF 1104)	Hathway, M
0003	MWF.....8:00am- 8:50am (TLF 1102)	Joshi, P
0101	MWF.....9:00am- 9:50am (JRN 1103)	Antonovich, J
0102	MWF.....9:00am- 9:50am (ASY 3219)	Curry, R
0103	MWF.....9:00am- 9:50am (ARM 0121)	O'Donnell, N
0104	MWF.....9:00am- 9:50am (TLF 2103)	Loiselle, C
0105	MWF.....9:00am- 9:50am (WDS 1127)	Ewalt, K
0106	MWF.....9:00am- 9:50am (ARM 0101)	Leaderman, N
0107	MWF.....9:00am- 9:50am (ARM 0103)	Harrell, W
0108	MWF.....9:00am- 9:50am (KEY 0121)	Hall, D
0201	MWF.....10:00am-10:50am (ARM 0108)	Naprawa, A
0202	MWF.....10:00am-10:50am (ARM 0121)	O'Donnell, N
0203	MWF.....10:00am-10:50am (EGR 0104)	Detrick, A
0204	MWF.....10:00am-10:50am (TYD 1136)	Frye, B
0205	MWF.....10:00am-10:50am (ARM 0101)	STAFF
0206	MWF.....10:00am-10:50am (ARM 0118)	Hathway, M
0207	MWF.....10:00am-10:50am (EGR 1102)	Joshi, P
0208	MWF.....10:00am-10:50am (LEF 1220)	Loiselle, C
0209	MWF.....10:00am-10:50am (HBK 1112)	Haspel, D
0210	MWF.....10:00am-10:50am (EGR 0102)	Meng, D
0301	MWF.....11:00am-11:50am (ARM 0120)	Champ, R
0302	MWF.....11:00am-11:50am (JRN 1103)	Curry, R
0303	MWF.....11:00am-11:50am (ARM 0104)	Debernardo, F
0304	MWF.....11:00am-11:50am (ARM 0121)	Ewalt, K
0305	MWF.....11:00am-11:50am (EGR 1102)	Lima, M
0306	MWF.....11:00am-11:50am (EGR 1124)	Princiotto, P
0307	MWF.....11:00am-11:50am (HBK 0125)	Jones, L
0308	MWF.....11:00am-11:50am (KEY 0119)	Hall, D
0401	MWF.....12:00pm-12:50pm (HBK 0117)	Skeen, T
0402	MWF.....12:00pm-12:50pm (ARM 0108)	Detrick, A
0403	MWF.....12:00pm-12:50pm (WDS 1127)	Frye, B
0404	MWF.....12:00pm-12:50pm (WDS 1130)	Kibler, R
0405	MWF.....12:00pm-12:50pm (HBK 1112)	Leaderman, N
0406	MWF.....12:00pm-12:50pm (ARM 0121)	Haspel, D
0407	MWF.....12:00pm-12:50pm (ARC 1123)	Naprawa, A
0408	MWF.....12:00pm-12:50pm (HBK 0125)	Oxindine, A
0409	MWF.....12:00pm-12:50pm (WDS 1131)	Dickinson, L
0410	MWF.....12:00pm-12:50pm (WDS 0104)	Oppenheim, J
0501	MWF.....1:00pm- 1:50pm (KEY 0117)	Honemann, D
0502	MWF.....1:00pm- 1:50pm (HBK 1108)	Champ, R
0503	MWF.....1:00pm- 1:50pm (WDS 1127)	Jones, L
0504	MWF.....1:00pm- 1:50pm (ARM 0120)	Ports, K
0505	MWF.....1:00pm- 1:50pm (TWS 2228)	Fohrell, J
0506	MWF.....1:00pm- 1:50pm (TYD 1136)	Barks, C
0507	MWF.....1:00pm- 1:50pm (EGR 1102)	Martinovic-Zic,
0508	MWF.....1:00pm- 1:50pm (HBK 0125)	West, L
0601	MWF.....2:00pm- 2:50pm (WDS 1127)	Oxindine, A
0602	MWF.....2:00pm- 2:50pm (TWS 2228)	Dickinson, L
0603	MWF.....2:00pm- 2:50pm (EGR 0102)	STAFF
0604	MWF.....2:00pm- 2:50pm (HBK 1116)	Wolcott, D
0605	MWF.....2:00pm- 2:50pm (HBK 1108)	Gray, C
0607	MWF.....2:00pm- 2:50pm (ARM 0120)	Oppenheim, J
0608	MWF.....2:00pm- 2:50pm (TLF 2101)	Donawerth, J
0610	MWF.....2:00pm- 2:50pm (HBK 0125)	Gruman, H
0701	MWF.....3:00pm- 3:50pm (TLF 1103)	Sprecher, L
0702	MWF.....3:00pm- 3:50pm (TLF 0102)	Eaton, B
0703	MWF.....3:00pm- 3:50pm (HBK 0125)	Ports, K
0704	MWF.....3:00pm- 3:50pm (HBK 1116)	Fohrell, J
0706	MWF.....3:00pm- 3:50pm (HBK 1108)	Martinovic-Zic,
0707	MWF.....3:00pm- 3:50pm (TLF 2101)	West, L
0801	MWF.....4:00pm- 4:50pm (KEY 0117)	Wolcott, D
1001	TuTh.....8:00am- 9:15am (ARM 0120)	Scavicchio, J
1002	TuTh.....8:00am- 9:15am (ARM 0108)	Kuhar, L
1003	TuTh.....8:00am- 9:15am (ARC 1125)	Maney, B
1101	TuTh.....9:30am-10:45am (ARM 0118)	Nichol, F
1102	TuTh.....9:30am-10:45am (MTH 1313)	Scavicchio, J
1103	TuTh.....9:30am-10:45am (ARM 0104)	Kuhar, L
1104	TuTh.....9:30am-10:45am (ARC 1125)	Maney, B
1105	TuTh.....9:30am-10:45am (ARM 0120)	Cannon, E
1106	TuTh.....9:30am-10:45am (ARM 0108)	Carroll, K
1107	TuTh.....9:30am-10:45am (EGR 3114)	Johnson, E
1201	TuTh.....11:00am-12:15pm (ARM 0120)	Cannon, E
1202	TuTh.....11:00am-12:15pm (ARM 0103)	STAFF
1203	TuTh.....11:00am-12:15pm (KEY 0120)	Hauch, S
1204	TuTh.....11:00am-12:15pm (ARM 0104)	STAFF
1205	TuTh.....11:00am-12:15pm (ARM 0118)	Nichol, F
1206	TuTh.....11:00am-12:15pm (HBK 1116)	Butler, R
1207	TuTh.....11:00am-12:15pm (EGR 3114)	Johnson, E
1208	TuTh.....11:00am-12:15pm (CHM 0124)	Karr, J
1301	TuTh.....12:30pm- 1:45pm (ARM 0121)	Malley, T
1302	TuTh.....12:30pm- 1:45pm (ARC 1121)	Rosenberg, P
1303	TuTh.....12:30pm- 1:45pm (JMZ 1103)	Vogt, B
1304	TuTh.....12:30pm- 1:45pm (ARC 1127)	Gould, T
1305	TuTh.....12:30pm- 1:45pm (HZF 1108)	Davison, N
1306	TuTh.....12:30pm- 1:45pm (WDS 1131)	Theodoropoulos,
1307	TuTh.....12:30pm- 1:45pm (ARM 0103)	Svrjcek, M
1308	TuTh.....12:30pm- 1:45pm (ARC 1123)	Sun, Y
1309	TuTh.....12:30pm- 1:45pm (ARM 0104)	STAFF
1310	TuTh.....12:30pm- 1:45pm (ARM 0101)	STAFF
1401	TuTh.....2:00pm- 3:15pm (ARM 0108)	Rawlings, P
1402	TuTh.....2:00pm- 3:15pm (ARC 1123)	Rosenberg, P
1403	TuTh.....2:00pm- 3:15pm (ARM 0104)	Malley, T
1404	TuTh.....2:00pm- 3:15pm (ARM 0103)	Karr, J
1405	TuTh.....2:00pm- 3:15pm (ARM 0101)	Svrjcek, M
1408	TuTh.....2:00pm- 3:15pm (ARC 1125)	Sun, Y
1409	TuTh.....2:00pm- 3:15pm (JMZ 1104)	Lechter-Siegel,
1410	TuTh.....2:00pm- 3:15pm (HZF 1108)	STAFF
1501	TuTh.....3:30pm- 4:45pm (HBK 0125)	Rawlings, P
1502	TuTh.....3:30pm- 4:45pm (KEY 0116)	Vogt, B
1601	TuTh.....4:00pm- 5:15pm (TLF 1104)	Bell, D
1602	TuTh.....4:00pm- 5:15pm (KEY 0103)	STAFF

ENGL101A Introduction to Writing; Grade Method: REG; Students should take ENGL 101A rather than ENGL 101 if their TWSE score (a subscore of the SAT verbal) is 33 or below. — 3 credits

1701	MWF.....9:00am- 9:50am (EGR 1110)	Debernardo, F
1702	MWF.....10:00am-10:50am (EGR 1110)	Sinopoli, S
1703	MWF.....11:00am-11:50am (LEF 1210)	Antonovich, J
1704	MWF.....3:00pm- 3:50pm (JRN 1103)	Tucci, P
1705	TuTh.....8:00am- 9:15am (JRN 1103)	Sharp, A
1706	TuTh.....9:30am-10:45am (JMZ 1123)	Sharp, A
1707	TuTh.....11:00am-12:15pm (ARM 0101)	Dickinson, L
1708	TuTh.....12:30pm- 1:45pm (JMZ 0202)	Dickerson, J

ENGL101H Introduction to Writing; Grade Method: REG; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 0108)	Peterson, W
0201	MWF.....1:00pm- 1:50pm (KEY 0123)	Taylor, M
0301	TuTh.....11:00am-12:15pm (ANS 1109)	Burke, J
0401	TuTh.....2:00pm- 3:15pm (COL 3114)	Griggs, J

ENGL101X (PermReq) Introduction to Writing; Grade Method: REG; Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to TLF 0139 (x4180) or PKT 1104 (x6543): 1. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005: Advanced English as a Foreign Language, Semi-Intensive. — 3 credits

2001	MWF.....9:00am- 9:50am (EGR 3102)	Reynolds, R
2002	MWF.....9:00am- 9:50am (ARM 0104)	Molyneaux, S
2003	MWF.....9:00am- 9:50am (LEF 1210)	Chitwood, C
2004	MWF.....10:00am-10:50am (ARM 0103)	Molyneaux, S
2005	MWF.....10:00am-10:50am (EGR 3102)	Kibler, R
2006	MWF.....10:00am-10:50am (LEF 1210)	Chitwood, C
2010	TuTh.....9:30am-10:45am (JMZ 1211)	Lyman, J
2011	TuTh.....9:30am-10:45am (JMZ 1124)	Swatski, J
2012	TuTh.....11:00am-12:15pm (JMZ 1124)	Swatski, J
2013	TuTh.....11:00am-12:15pm (LEF 1210)	Della Torre, M

ENGL201 World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0201	MWF.....10:00am-10:50am (TLF 2108)	Hamilton, G
0701	TuTh.....11:00am-12:15pm (JMZ 0120)	Birdsall, E
0801	TuTh.....12:30pm- 1:45pm (TLF 1102)	Wilson, G

ENGL202 World Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....11:00am-11:50am (TLF 0110)	Demaree, C

ENGL205 Introduction to Shakespeare; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 0102)	Winton, C
0201	MWF.....10:00am-10:50am (TLF 0110)	Keenan, J
0301	MWF.....11:00am-11:50am (TLF 2101)	Carmichael, E
0401	MWF.....12:00pm-12:50pm (TLF 1102)	Magnetti, C
0601	MWF.....2:00pm- 2:50pm (TLF 1101)	Honemann, D
0801	TuTh.....9:30am-10:45am (TLF 0103)	Leinwand, T
1001	TuTh.....11:00am-12:15pm (TLF 2126)	Hamilton, D
1101	TuTh.....12:30pm- 1:45pm (TLF 0103)	Pringham, C
1201	TuTh.....2:00pm- 3:15pm (TLF 2108)	Selmon, M
1301	TuTh.....3:30pm- 4:45pm (TLF 1101)	Cooper Jr., S

ENGL211 English Literature From the Beginnings to 1800; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0201	TuTh.....9:30am-10:45am (JMZ 0120)	Birdsall, E

ENGL221 American Literature: Beginning to 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 0108)	Bennett, M

ENGL222 American Literature: 1865 to Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 0103)	Van Egmond, P
0201	MWF.....11:00am-11:50am (KEY 0125)	Nickens, S
0301	MWF.....12:00pm-12:50pm (TLF 1103)	O'Sullivan, S
0401	MWF.....1:00pm- 1:50pm (KEY 0116)	Moore, T
0501	TuTh.....9:30am-10:45am (TLF 0102)	Bennett, M
0601	TuTh.....11:00am-12:15pm (JMZ 2117)	Joyce, J
0701	TuTh.....12:30pm- 1:45pm (KEY 0120)	Wyatt, B

ENGL234 Introduction to Afro-American Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (KEY 0125)	Joyce, J

ENGL240 Introduction to Literary Forms: Fiction, Poetry, Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (KEY 0120)	Nickens, S
0301	MWF.....11:00am-11:50am (KEY 0123)	Barks, C
0501	MWF.....1:00pm- 1:50pm (TLF 1102)	Moser, M
0601	TuTh.....9:30am-10:45am (JMZ 1122)	Whelan, T
0901	TuTh.....11:00am-12:15pm (HBK 1112)	Melkun, C
1001	TuTh.....12:30pm- 1:45pm (KEY 0103)	Della Torre, M
1101	TuTh.....2:00pm- 3:15pm (TLF 1102)	Tracy, A

ENGL241 Introduction to the Novel; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....10:00am-10:50am (KEY 0125)	Lima, M
0201	MWF.....11:00am-11:50am (TLF 2110)	Moore, T
0301	MWF.....1:00pm- 1:50pm (TLF 0103)	Leonardi, L
0401	TuTh.....12:30pm- 1:45pm (WDS 1127)	Kunzler, C
0501	TuTh.....2:00pm- 3:15pm (TLF 2126)	Scott, S

ENGL242 Fact and Fiction: Forms of Non-Fictional Prose; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0301	TuTh.....9:30am-10:45am (JMZ 2206)	STAFF

ENGL243 Introduction to Poetry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....10:00am-10:50am (WDS 1101)	Skeen, T
0201	MWF.....11:00am-11:50am (KEY 0120)	Moser, M
0401	TuTh.....11:00am-12:15pm (WDS 1127)	Lyman, J
0501	TuTh.....12:30pm- 1:45pm (TLF 2126)	Gaynor, C

ENGL244 Introduction to Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 1101)	Menustik, D
0201	TuTh.....9:30am-10:45am (TLF 1102)	Cooper Jr., S
0301	TuTh.....2:00pm- 3:15pm (TLF 0110)	Pringham, C

ENGL246 The Short Story; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....8:00am- 8:50am (TLF 1101)	Wei, K
0201	MWF.....9:00am- 9:50am (TLF 0110)	Townsend, B
0301	MWF.....9:00am- 9:50am (TLF 1103)	Isaacs, N
0401	MWF.....9:00am- 9:50am (TLF 2110)	Wei, K
0501	MWF.....10:00am-10:50am (WDS 1127)	Gunod, R
0502	MWF.....10:00am-10:50am (TAA 1130)	Whitlock, S
0601	MWF.....11:00am-11:50am (TLF 0103)	Barry, J
0602	MWF.....11:00am-11:50am (MTH 3418)	Menustik, D
0701	MWF.....12:00pm-12:50pm (TLF 0103)	Whitlock, S
0801	MWF.....12:00pm-12:50pm (LEF 1221)	Sinopoli, S
0901	MWF.....1:00pm- 1:50pm (ARC 1123)	Carmichael, E
1001	MWF.....1:00pm- 1:50pm (KEY 0125)	Eaton, B
1201	MWF.....2:00pm- 2:50pm (TLF 0110)	Terchek, M
1301	MWF.....2:00pm- 2:50pm (TLF 1103)	Sprecher, L
1401	TuTh.....8:00am- 9:15am (TLF 0103)	Wyatt, B
1501	TuTh.....9:30am-10:45am (KEY 0120)	Pringham, C
1601	TuTh.....9:30am-10:45am (WDS 1131)	Gorski, W
1701	TuTh.....11:00am-12:15pm (WDS 1130)	Gorski, W
1801	TuTh.....11:00am-12:15pm (HZF 1108)	Davison, N
1901	TuTh.....12:30pm- 1:45pm (TLF 0110)	Christensen, C
2001	TuTh.....12:30pm- 1:45pm (HZF 1101)	Sheng, C
2101	TuTh.....2:00pm- 3:15pm (TLF 0102)	Sheng, C
2201	TuTh.....2:00pm- 3:15pm (KEY 0103)	Kunzler, C

ENGL247 Literature of Fantasy; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 1102)	Buhlig Jr., P
0201	MWF.....10:00am-10:50am (TLF 2101)	Demaree, C
0301	MWF.....11:00am-11:50am (TLF 1102)	Reynolds, R
0401	MWF.....12:00pm-12:50pm (KEY 0125)	Smith, N
0501	MWF.....2:00pm- 2:50pm (TLF 1102)	Demaree, C
0601	TuTh.....9:30am-10:45am (HBK 1116)	Gould, T

ENGL250 Women in Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (KEY 0103)	Leonardi, L
0301	MWF.....12:00pm-12:50pm (KEY 0126)	Townsend, B
0401	TuTh.....9:30am-10:45am (WDS 0104)	Noone, P
0501	TuTh.....11:00am-12:15pm (WDS 1131)	DiPaolo, T

ENGL260 Introduction to Folklore; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 1104)	Fry, G
0201	MWF.....11:00am-11:50am (TLF 1103)	Fry, G
0301	TuTh.....11:00am-12:15pm (TLF 0103)	Pearson, B
0401	TuTh.....2:00pm- 3:15pm (TLF 2101)	Pearson, B

ENGL270 Introduction to English Honors; Grade Method: REG/P-F/AUD; Satisfies English 301 requirement for English majors. — 3 credits

0101	TuTh.....11:00am-12:15pm (TLF 0108)	Caramello, C

ENGL281 Standard English Grammar, Usage, and Diction; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (TLF 2101)	James, E
0201	TuTh.....11:00am-12:15pm (TLF 0110)	Herman, H

ENGL291 Intermediate Writing; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....11:00am-11:50am (TLF 1104)	Harrell, W
0201	MWF.....12:00pm-12:50pm (ARM 0118)	Gorman, J

ENGL294 Introduction to Creative Writing; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 1104)	O'Sullivan, S
0201	MWF.....10:00am-10:50am (KEY 0120)	Townsend, B
0301	MWF.....11:00am-11:50am (TLF 0108)	O'Sullivan, S
0401	MWF.....12:00pm-12:50pm (TLF 0108)	Leonardi, L
0601	TuTh.....9:30am-10:45am (TLF 0108)	Jellema, R
0801	TuTh.....12:30pm- 1:45pm (KEY 0125)	Collier, M
0901	TuTh.....12:30pm- 1:45pm (JMZ 1104)	Scott, S

ENGL301 Critical Methods in the Study of Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 2103)	Wittreich, J
0201	MWF.....11:00am-11:50am (TLF 1101)	Auerbach, J
0301	MWF.....12:00pm-12:50pm (TLF 2103)	Auerbach, J
0501	TuTh.....9:30am-10:45am (TLF 1101)	Fraistat, N
0601	TuTh.....11:00am-12:15pm (TLF 1101)	Fraistat, N
0701	TuTh.....12:30pm- 1:45pm (KEY 0123)	Caramello, C
0801	TuTh.....2:00pm- 3:15pm (TLF 0108)	Flieger, V

ENGL304 The Major Works of Shakespeare; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (TLF 2101)	Beauchamp, V
0201	MWF.....1:00pm- 1:50pm (TLF 1104)	Barry, J
0301	TuTh.....11:00am-12:15pm (KEY 0119)	Leinwand, T

ENGL305 Shakespeare and His Contemporaries: An Introduction; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TLF 0103)	Dobin, H

ENGL310 Medieval and Renaissance British Literature; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 2110)	Mack Jr, M
0201	MWF.....1:00pm- 1:50pm (KEY 0120)	Moser, M
0501	TuTh.....12:30pm- 1:45pm (TLF 1104)	Dobin, H
0601	TuTh.....12:30pm- 1:45pm (KEY 0119)	Hamilton, D
0701	MWF.....10:00am-10:50am (KEY 0119)	Beauchamp, V

ENGL311 Baroque and Augustan British Literature; Grade Method: REG/P-F/AUD; — 3 credits

0301	MWF.....12:00pm-12:50pm (KEY 0123)	Hammond, E
0501	MWF.....2:00pm- 2:50pm (KEY 0120)	Hammond, E
0601	TuTh.....11:00am-12:15pm (KEY 0117)	Wilson, G

ENGL312 Romantic to Modern British Literature; Grade Method: REG/P-F/AUD; — 3 credits

0201	MWF.....10:00am-10:50am (KEY 0117)	Leonardi, L
0501	TuTh.....11:00am-12:15pm (TLF 1104)	Auchard, J
0601	TuTh.....11:00am-12:15pm (TYD 1136)	David, D
0701	TuTh.....2:00pm- 3:15pm (KEY 0119)	Kleine, D

ENGL313 American Literature; Grade Method: REG/P-F/AUD; 0201 taught by visiting professor from University of Aachen. — 3 credits

0101	MWF.....9:00am- 9:50am (KEY 0117)	Smith, M
0201	MWF.....9:00am- 9:50am (TLF 0102)	Martin, R
0301	MWF.....9:00am- 9:50am (TLF 2126)	Auerbach, J
0501	TuTh.....11:00am-12:15pm (WDS 0104)	Kornblatt, J
0601	TuTh.....11:00am-12:15pm (JMZ 3203)	Robinson, J
0701	TuTh.....2:00pm- 3:15pm (KEY 0120)	Bennett, M

ENGL345 Twentieth Century Poetry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	TuTh.....11:00am-12:15pm (KEY 0123)	Wyatt, B

ENGL369 (PermReq) Honors Seminar: Major Traditions; Grade Method: REG/P-F/AUD; — 4-5 credits

0101	MWF.....1:00pm- 2:30pm (TLF 0135)	Howard, J

ENGL373 (PermReq) Honors Thesis; Grade Method: REG/P-F/AUD; — 3 credits

0101	Th.....3:30pm- 5:30pm (TLF 3100)	Fraistat, N

Time and room to be arranged DIS

ENGL378 (PermReq) Independent Research in English; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

English 379 courses are repeatable to a maximum of 9 hours if the content is different. English majors may not count credits earned in these courses towards the total required for the major.

ENGL379A Special Topics in Literature: Studies in Mythmaking; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: Two lower level English courses. — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 0110)	Flieger, V

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	M.....6:30pm-10:00pm (KEY 0106)	Miller, J

ENGL379G Special Topics in Literature: Melodrama and Existential Crisis: Films of Hitchcock; Grade Method: REG; — 3 credits

0101	W.....6:30pm-10:00pm (KEY 0106)	Miller, J

ENGL379Q Special Topics in Literature: More's Utopia and Modern Utopian Visions; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 2103)	Collier, M

ENGL379T Special Topics in Literature. On Argument; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (KEY 0125)	Fahnestock, J

ENGL379W Special Topics in Literature: Film Genre as Cultural Myth: The Detective and Western Film; Grade Method: REG; — 3 credits

0101	Th.....6:30pm-10:00pm (KEY 0106)	Miller, J

ENGL379Y Special Topics in Literature: Uses of Literature - Madness; Grade Method: REG/P-F/AUD; Prerequisite: completion of two literature courses. — 3 credits

0101	MWF.....10:00am-10:50am (TLF 0103)	Isaacs, N

ENGL380 (PermReq) Internship; Grade Method: REG; — 3-6 credits

0101	Time and room to be arranged	Christensen, C

ENGL381 (PermReq) MGA Legislative Seminar; Grade Method: REG; — 3 credits

0101	W.....3:30pm- 5:30pm (TLF 2103) Time and room to be arranged DIS	Terchek, M

ENGL385 English Semantics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: two lower division English courses. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (KEY 0123)	Miller, M

ENGL391 Advanced Composition; Grade Method: REG; Before choosing a regular section of ENGL 391, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them (e.g. ENGL 391L for pre-law students). Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0001	MWF.....8:00am- 8:50am (HBK 1112)	Zelenka, R
0101	MWF.....9:00am- 9:50am (ASY 3217)	Scheltema, M
0102	MWF.....9:00am- 9:50am (ASY 3215)	Bronson, E
0103	MWF.....9:00am- 9:50am (HBK 0125)	Zelenka, R
0104	MWF.....9:00am- 9:50am (ASY 3221)	Schmidt, D
0201	MWF.....10:00am-10:50am (ASY 3217)	Scheltema, M
0202	MWF.....10:00am-10:50am (SYM 1308)	STAFF
0203	MWF.....10:00am-10:50am (ASY 3219)	Schmidt, D
0204	MWF.....10:00am-10:50am (ARM 0104)	Proedoehl, L
0301	MWF.....11:00am-11:50am (ARM 0118)	Tin Nyo, M
0302	MWF.....11:00am-11:50am (KEY 0117)	Bronson, E
0303	MWF.....11:00am-11:50am (ARM 0105)	Proedoehl, L
0304	MWF.....11:00am-11:50am (SYM 1308)	STAFF
0401	MWF.....12:00pm-12:50pm (TLF 1104)	STAFF
0402	MWF.....12:00pm-12:50pm (ARM 0105)	Proedoehl, L
0403	MWF.....12:00pm-12:50pm (HZF 1106)	Scheltema, M
0404	MWF.....12:00pm-12:50pm (TLF 0110)	Keenan, J
0501	MWF.....1:00pm- 1:50pm (ARM 0103)	Tin Nyo, M
0502	MWF.....1:00pm- 1:50pm (TLF 0102)	Demaree, C
0503	MWF.....1:00pm- 1:50pm (ARM 0121)	Rickert, M
0601	MWF.....2:00pm- 2:50pm (ARM 0103)	Tin Nyo, M
0602	MWF.....2:00pm- 2:50pm (KEY 0125)	STAFF
0603	MWF.....2:00pm- 2:50pm (TLF 1104)	McNeilly, D
0701	MWF.....3:00pm- 3:50pm (TLF 0103)	McNeilly, D
1002	TuTh.....8:00am- 9:15am (WDS 1127)	Dyer, M
1101	TuTh.....9:30am-10:45am (TYD 1136)	Burns, M
1102	TuTh.....9:30am-10:45am (ARC 1121)	Porosky, P
1103	TuTh.....9:30am-10:45am (WDS 1127)	Dyer, M
1104	TuTh.....9:30am-10:45am (JMZ 1215)	Logan, S
1201	TuTh.....11:00am-12:15pm (JMZ 1122)	Whelan, T
1202	TuTh.....11:00am-12:15pm (ARC 1125)	Porosky, P
1204	TuTh.....11:00am-12:15pm (GEO 1120)	Peters, L
1301	TuTh.....12:30pm- 1:45pm (JMZ 1120)	Burns, M
1302	TuTh.....12:30pm- 1:45pm (ARC 1125)	Porosky, P
1303	TuTh.....12:30pm- 1:45pm (TYD 2140)	Selmon, M
1304	TuTh.....12:30pm- 1:45pm (JRN 1103)	Webster, S
1401	TuTh.....2:00pm- 3:15pm (JMZ 0120)	Spracklen, R
1402	TuTh.....2:00pm- 3:15pm (KEY 0124)	McDonald, G
1501	TuTh.....3:30pm- 4:45pm (WDS 1131)	Luetkemeyer, M
1601	TuTh.....5:00pm- 6:15pm (TLF 0110)	Davis, K
1602	TuTh.....7:00pm- 8:15pm (TLF 0103)	Davis, K
1603	M.....6:00pm- 8:40pm (TLF 0110)	Winett, M
1604	W.....6:00pm- 8:40pm (TLF 1102)	Saklas, R
1605	Th.....7:00pm- 9:40pm (KEY 0119)	Lowderbaugh, T

ENGL391L Advanced Composition; Grade Method: REG; For pre-law students. — 3 credits

0101	MWF.. ...11:00am-11:50am (HBK 1116)	Buhlig Jr., P
0201	MWF.....1:00pm- 1:50pm (TLF 2103)	Magnetti, C
0301	TuTh.....12:30pm- 1:45pm (ARM 0120)	Peters, L
0401	Th.....7:00pm- 9:30pm (TLF 1102)	Winett, M

ENGL391X Advanced Composition; Grade Method: REG; For students for whom English is a second language. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0101	MWF.....2:00pm- 2:50pm (KEY 0119)	Schneider, M
0201	TuTh.....11:00am-12:15pm (ARC 1121)	Webster, S

ENGL391Z Advanced Composition; Grade Method: REG; Involves computer-assisted instruction. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0401	TuTh.....11:00am-12:15pm (JMZ 2102)	Logan, S

ENGL393 Technical Writing; Grade Method: REG; Before choosing a regular section of ENGL 393, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them (e.g., ENGL 393N for students interested in business writing). Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0001	MWF.....8:00am- 8:50am (HBK 0125)	Oswald, S
0002	MWF.....8:00am- 8:50am (TLF 1103)	Perla, S
0101	MWF.....9:00am- 9:50am (HBK 1108)	Oswald, S
0103	MWF.....9:00am- 9:50am (CHE 2118)	Jones, E
0104	MWF.....9:00am- 9:50am (KEY 0123)	Perla, S
0201	MWF.....10:00am-10:50am (WDS 1131)	Smith, N
0202	MWF.....10:00am-10:50am (CHE 2118)	Jones, E
0203	MWF.....10:00am-10:50am (HBK 0125)	Neckere, E
0301	MWF.....11:00am-11:50am (EGR 3114)	Jones, E
0302	MWF.....11:00am-11:50am (ARM 0101)	Orgelfinger, G
0303	MWF.....11:00am-11:50am (HBK 1108)	Winton, P
0401	MWF.....12:00pm-12:50pm (ARM 0101)	Orgelfinger, G
0402	MWF.....12:00pm-12:50pm (EGR 3108)	Winton, P
0403	MWF.....12:00pm-12:50pm (ARM 0104)	Simpson, M
0404	MWF.....12:00pm-12:50pm (HBK 1116)	Neckere, E
0405	MWF.....12:00pm-12:50pm (JRN 1103)	Gunod, R
0501	MWF.....1:00pm- 1:50pm (HBK 1116)	Neckere, E
0502	MWF.....1:00pm- 1:50pm (TLF 1103)	Smith, N
0503	MWF.....1:00pm- 1:50pm (ARM 0118)	Simpson, M
0601	MWF.....2:00pm- 2:50pm (TLF 2103)	Simpson, M
0602	MWF.....2:00pm- 2:50pm (ARM 0121)	STAFF
0701	MWF.....3:00pm- 3:50pm (ARM 0121)	STAFF
0702	MWF.....3:00pm- 3:50pm (TLF 1104)	STAFF
1001	TuTh.....8:00am- 9:15am (JMZ 1104)	Hendrickson, A
1002	TuTh.....8:00am- 9:15am (TLF 0108)	Grant-Davie, K
1101	TuTh.....9:30am-10:45am (HBK 0125)	STAFF
1102	TuTh.....9:30am-10:45am (ARM 0121)	Johnson, J
1103	TuTh.....9:30am-10:45am (ARM 0103)	Ching, J
1104	TuTh.....9:30am-10:45am (ARM 0101)	Gaynor, C
1201	TuTh.....11:00am-12:15pm (ARM 0121)	Johnson, J
1202	TuTh.....11:00am-12:15pm (EGR 1102)	Shapiro, N
1203	TuTh.....11:00am-12:15pm (EGR 0102)	Dowhaluk, B
1301	TuTh.....12:30pm- 1:45pm (WDS 1130)	Tracy, A
1302	TuTh.....12:30pm- 1:45pm (EGR 0104)	Shapiro, N
1303	TuTh.....12:30pm- 1:45pm (HBK 0125)	Melkun, C
1304	TuTh.....12:30pm- 1:45pm (EGR 0102)	Dowhaluk, B
1305	TuTh.....12:30pm- 1:45pm (TYD 2100)	Ching, J
1401	TuTh.....2:00pm- 3:15pm (JRN 1103)	Macbain, S
1402	TuTh.....2:00pm- 3:15pm (JMZ 1224)	Novotny, J
1501	TuTh.....3:30pm- 4:45pm (TLF 0110)	Novotny, J
1502	TuTh.....3:30pm- 4:45pm (JRN 1103)	Macbain, S
1602	Tu.....6:00pm- 8:45pm (TLF 0102)	Macbain, S
1603	W.....6:00pm- 8:40pm (TLF 0102)	Roblyer, P
1604	Tu.....6:00pm- 8:45pm (TLF 1104)	Roblyer, P

ENGL393N Technical Writing; Grade Method: REG; Business writing. Prerequisite: ENGL 101 or equivalent (junior standing). — 3 credits

0101	MWF.....9:00am- 9:50am (HBK 1112)	Harris, E
0201	MWF.....10:00am-10:50am (HBK 1108)	Harris, E
0301	MWF.....11:00am-11:50am (HBK 1112)	Pauli, R
0401	MWF.....12:00pm-12:50pm (KEY 0119)	Harris, E
0501	MWF.....1:00pm- 1:50pm (KEY 0119)	Pauli, R
0701	TuTh.....9:30am-10:45am (HBK 1108)	Rice, E
0801	TuTh.....11:00am-12:15pm (HBK 1108)	Rice, E
1001	TuTh.....2:00pm- 3:15pm (JMZ 2123)	STAFF
1201	Tu.....6:00pm- 8:45pm (TLF 1102)	Mann, G

ENGL393X Technical Writing; Grade Method: REG; For students for whom English is a second language. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0101	MWF.....11:00am-11:50am (ARM 0108)	Perla, S
0201	MWF.....1:00pm- 1:50pm (JRN 1103)	Schneider, M
0301	TuTh.....8:00am- 9:15am (HBK 0125)	Oliver, G
0302	TuTh.....9:30am-10:45am (LEF 1210)	Cheong, M
0401	TuTh.....11:00am-12:15pm (CHE 2118)	Oliver, G
0501	TuTh.....12:30pm- 1:45pm (ARM 0108)	Cheong, M

ENGL393Z Technical Writing; Grade Method: REG; Involves computer-assisted instruction. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). — 3 credits

0101	TuTh.....9:30am-10:45am (JMZ 1120)	Hendrickson, A
0601	TuTh.....11:00am-12:15pm (HZF 1106)	Hendrickson, A

ENGL399A (PermReq) Senior Seminar: Pioneer Women in American Literature; Grade Method: REG; — 3 credits

0101	MWF.....1:00pm- 1:50pm (TLF 0108)	Smith, M

ENGL399C (PermReq) Senior Seminar: The Current Scene; Grade Method: REG; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TLF 2137)	Freedman, M

ENGL402 Chaucer; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 0102)	Moser, M
0201	TuTh.....2:00pm- 3:15pm (TLF 1103)	Birdsall, E

ENGL403 Shakespeare; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (KEY 0120)	Mack Jr, M
0201	TuTh.....9:30am-10:45am (TYD 2100)	Dobin, H
0301	TuTh.....12:30pm- 1:45pm (TLF 2101)	Cooper Jr., S

ENGL404 Shakespeare; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....11:00am-11:50am (TLF 0102)	Mack Jr, M

ENGL412 Literature of the Seventeenth Century, 1600-1660; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: Completion of two literature courses. — 3 credits

0101	MWF.....12:00pm-12:50pm (KEY 0121)	Hamilton, G
0201	TuTh.....8:00am- 9:15am (KEY 0120)	Wilson, G

ENGL414 Milton; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (TLF 1103)	Wittreich, J

ENGL422 Literature of the Victorian Period; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (KEY 0117)	Peterson, W

ENGL425 Modern British Literature; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 0102)	Kleine, D

ENGL431 American Literature, 1810 to 1865, the American Renaissance; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 1103)	Smith, M

ENGL432 American Literature, 1865 to 1914, Realism and Naturalism; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (KEY 0117)	Robinson, J
0201	TuTh.....11:00am-12:15pm (TLF 1102)	Lawson, L

ENGL433 American Literature, 1914 to the Present, the Modern Period; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (TLF 1101)	Van Egmond, P

ENGL434 American Drama; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (KEY 0125)	Bryer, J
0201	Tu.....7:00pm- 9:40pm (TLF 1103)	Robinson, J

ENGL435 American Poetry: Beginning to the Present; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (KEY 0121)	Van Egmond, P

ENGL440 The Novel in America to 1910; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (JMZ 3205)	Auchard, J

ENGL441 The Novel in America Since 1910; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 2110)	Lawson, L

ENGL443 Afro-American Literature; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (KEY 0126)	Joyce, J

ENGL445 Modern British and American Poetry; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (TLF 2110)	Holton, W

ENGL453 Literary Criticism; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	MWF.....9:00am- 9:50am (KEY 0119)	Barry, J

ENGL454 Modern Drama; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....4:00pm- 5:15pm (KEY 0123)	Freedman, M

ENGL455 The English Novel; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....11:00am-11:50am (TLF 2126)	Winton, C

ENGL457 The Modern Novel; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (TLF 1102)	Martin, R

ENGL462 Folksong and Ballad; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 1103)	Pearson, B

ENGL466 Arthurian Legend; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TLF 1101)	Herman, H

ENGL476 Modern Fantasy and Science Fiction; Grade Method: REG/P-F/AUD; — 3 credits

0201	TuTh.....11:00am-12:15pm (TLF 0102)	Flieger, V

ENGL478H (PermReq) Selected Topics in English and American Literature Before 1800: Literature of the Reformation; Grade Method: REG/P-F/AUD; English Honors course. — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 2137)	Hamilton, D

ENGL479H (PermReq) Selected Topics in English and American Literature After 1800: Modern American Poetry; Grade Method: REG/P-F/AUD; English Honors course. — 3 credits

0101	TuTh.....11:00am-12:15pm (TLF 2101)	Plumly, S

ENGL479R Selected Topics in English and American Literature After 1800: Readers, Writers, and Rhetorics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (KEY 0119)	Grant-Davie, K

ENGL482 History of the English Language; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (KEY 0123)	Miller, M

ENGL486 Introduction to Old English; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (TLF 2126)	Rutherford, C

ENGL489A Special Topics in English Language: The Language of Advertising; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 1104)	Coleman, L
0201	MWF.....10:00am-10:50am (TLF 1101)	James, E
0301	MWF.....2:00pm- 2:50pm (TLF 0103)	James, E

ENGL489C Special Topics in English Language: The Language of the Law; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 1103)	Miller, M

ENGL489D Special Topics in English Language: Linguistic Approches to Literature; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (JMZ 3205)	Coleman, L

ENGL493 Advanced Expository Writing; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....3:30pm- 4:45pm (TLF 2126)	Middleton, J
0201	TuTh.....5:00pm- 6:15pm (TLF 2126)	Middleton, J
0301	MWF.....1:00pm- 1:50pm (KEY 0124)	Townsend, B

ENGL498A (PermReq) Creative Writing: Fiction Workshop; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 1101)	Kornblatt, J

ENGL498B (PermReq) Creative Writing: Poetry Writing; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TLF 1104)	Jellema, R

ENGL601 Bibliography and Methods; Grade Method: REG/AUD; — 3 credits

0101	Th.....7:00pm- 9:00pm (TLF 2137) Time and room to be arranged	Howard, J
0201	Tu.....4:00pm- 6:00pm (TLF 0135) Time and room to be arranged	Marcuse, M

ENGL607 Readings in the History of Rhetorical Theory to 1900; Grade Method: REG/AUD; — 3 credits

0101	M.....4:00pm- 6:00pm (TLF 2137) Time and room to be arranged DIS	Fahnestock, J

ENGL611 Approaches to College Composition; Grade Method: REG/AUD; — 3 credits

0101	W.....6:30pm- 8:30pm (KEY 0120) Time and room to be arranged DIS	Donawerth, J

ENGL612 Approaches to Professional and Technical Writing; Grade Method: REG/AUD; — 3 credits

0101	M.....6:00pm- 8:30pm (TLF 0108)	Marcuse, M

ENGL620 Readings in Medieval English Literature; Grade Method: REG/AUD; — 3 credits

0101	W.....4:00pm- 6:00pm (TLF 0103) Time and room to be arranged	Coletti, T

ENGL622 Readings in Seventeenth-Century English Literature; Grade Method: REG/AUD; — 3 credits

0101	W.....7:00pm- 9:00pm (TLF 2137) Time and room to be arranged DIS	Kerrigan, W

ENGL623 Readings Eighteenth-Century English Literature; Grade Method: REG/AUD; — 3 credits

0101	M.....4:00pm- 6:00pm (TLF 0102) Time and room to be arranged DIS	Hammond, E

ENGL624 Readings in English Romantic Literature; Grade Method: REG/AUD; — 3 credits

0101	Th.....4:00pm- 6:00pm (TLF 0135) Time and room to be arranged DIS	Wittreich, J

ENGL627 Readings in American Literature, 1865-1914; Grade Method: REG/AUD; — 3 credits

0101	Tu.....4:00pm- 6:00pm (TLF 2108) Time and room to be arranged DIS	Caramello, C

ENGL630 Readings in 20th Century English Literature; Grade Method: REG/AUD; — 3 credits

0101	Th.....4:00pm- 6:30pm (KEY 0120)	Kleine, D

ENGL680 (PermReq) Poetry Workshop; Grade Method: REG/AUD; — 3 credits

0101	Th.....3:30pm- 6:30pm (KEY 0124)	Plumly, S

ENGL681 (PermReq) Fiction Workshop; Grade Method: REG/AUD; — 3 credits

0101	Tu.....3:30pm- 6:30pm (KEY 0124)	Scott, S

ENGL699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course; contact department or instructor to obtain section number. — 1-3 credits

ENGL719A Seminar in Renaissance Literature: Feminist Shakespeare; Grade Method: REG/AUD; — 3 credits

0101	Th.....4:00pm- 6:00pm (TLF 2137) Time and room to be arranged DIS	Leinwand, T

ENGL719B Seminar in Renaissance Literature: Two Faces of Humanism; Grade Method: REG/AUD; — 3 credits

0101	W.....4:00pm- 6:00pm (TLF 0135) Time and room to be arranged DIS	Coogan, R

ENGL728 Seminar in Seventeenth-Century Literature; Grade Method: REG/AUD; This course meets at the Folger Shakespeare Library. — 3 credits

0101	Time and room to be arranged	Kerrigan, W

ENGL728A Seminar in Seventeenth-Century Literature: Milton; Grade Method: REG/AUD; — 3 credits

0101	M.....4:00pm- 6:00pm (TLF 0135) Time and room to be arranged DIS	Hamilton, G

ENGL739 Seminar in Nineteenth-Century Literature; Grade Method: REG/AUD; — 3 credits

0101	M.....7:00pm- 9:00pm (TLF 2137) Time and room to be arranged DIS	David, D

ENGL748 Seminar in American Literature: Henry James; Grade Method: REG/AUD; — 3 credits

0101	Tu.....7:00pm- 9:00pm (TLF 0135) Time and room to be arranged DIS	Auchard, J

ENGL749 Studies in Twentieth-Century Literature: Conrad, Forster and Lawrence; Grade Method: REG/AUD; — 3 credits

0101	W.....7:00pm- 9:00pm (TLF 3100) Time and room to be arranged DIS	Panichas, G

ENGL749A Studies in Twentieth-Century Literature: Pound and Lowell; Grade Method: REG/AUD; — 3 credits

0101	Tu.....4:00pm- 6:00pm (TLF 3100) Time and room to be arranged DIS	Holton, W

ENGL758 Literary Criticism: Literary Theory and Teaching of Literature; Grade Method: REG/AUD; — 3 credits

0101	Tu.....4:00pm- 6:00pm (TLF 2137) Time and room to be arranged DIS	Handelman, S

ENGL758B Literary Criticism: Modernity and Fragmented Thought; Grade Method: REG/AUD; — 3 credits

0101	M.....4:30pm- 7:00pm (JMZ 4223)	Heyndels, R

ENGL768B Studies in Drama: American Drama 1920-1960; Grade Method: REG/AUD; — 3 credits

0101	W.....4:00pm- 6:00pm (TLF 2137) Time and room to be arranged DIS	Bryer, J

ENGL778 Seminar in Folklore; Grade Method: REG/AUD; — 3 credits

0101	Th.....4:00pm- 6:00pm (TLF 0108)	Fry, G

ENGL781 (PermReq) Form and Theory in Fiction; Grade Method: REG/AUD; — 3 credits

0101	Th.....4:00pm- 6:00pm (TLF 0102) Time and room to be arranged DIS	Kornblatt, J

ENGL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENGL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENMA Engineering, Materials (Engineering)

ENMA462 (PermReq) Deformation of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....12:30pm- 1:45pm (CHE 2118)	Ankem, S

ENMA470 (PermReq) Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....3:30pm- 4:45pm (CHE 2120)	Arsenault, R

ENMA650 (PermReq) Structure of Engineering Materials; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....7:30pm- 8:45pm (CHE 2116)	Wuttig, M

ENMA660 (PermReq) Chemical Physics of Engineering Materials; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....6:00pm- 7:15pm (CHE 2116)	Ankem, S

ENMA698A (PermReq) Special Problems in Engineering Materials: Determination of Structures of Materials; Grade Method: REG/AUD; — 3 credits

0101 Time and room to be arranged Salamanca-Young

ENMA698B (PermReq) Special Problems in Engineering Materials: Structures and Properties of Polymers; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Dimarzio, E

ENMA799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENMA899 (PermReq) Doctoral Dissertation Research; Graue Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENME Engineering, Mechanical (Engineering)

ENME201 (PermReq) Mechanical Engineering Project; Grade Method: S-F; — 1 credit
0101 M.....12:00pm-12:50pm (EGR 1104) STAFF
Time and room to be arranged LAB

ENME205 (PermReq) Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am- 9:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 3110) DIS
0102 MW.....9:00am- 9:50am (EGR 1202) STAFF
Th.....11:00am- 1:00pm (EGR 3110) DIS
0103 MW.....9:00am- 9:50am (EGR 1202) STAFF
Th.....11:00am- 1:00pm (EGR 2154) DIS
0104 MW.....9:00am- 9:50am (EGR 1202) STAFF
Th.....1:00pm- 3:00pm (EGR 3108) DIS

ENME217 (PermReq) Thermodynamics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....10:00am-10:50am (EGR 1202) STAFF
M.....1:00pm- 3:00pm (EGR 3108) DIS
0102 MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....11:00am- 1:00pm (EGR 2154) DIS
0103 MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....1:00pm- 3:00pm (EGR 3108) DIS
0104 MW.....10:00am-10:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 3108) DIS
0105 MW.....10:00am-10:50am (EGR 1202) STAFF
Th.....11:00am- 1:00pm (EGR 2112) DIS

ENME310 (PermReq) Mechanics of Deformable Solids; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1108) STAFF
0201 MWF.....10:00am-10:50am (EGR 0135) STAFF
0301 MWF.....11:00am-11:50am (ITV 1111) STAFF

ENME311 (PermReq) Mechanics of Deformable Solids Laboratory; Grade Method: REG/P-F/AUD; — 1 credit
0101 W.....12:00pm-12:50pm (CHE 2108) STAFF
M.....1:00pm- 3:00pm (EGL 0102) LAB
0201 W.....12:00pm-12:50pm (CHE 2108) STAFF
Tu.....1:00pm- 3:00pm (EGL 0102) LAB
0301 W.....12:00pm-12:50pm (CHE 2108) STAFF
W.....1:00pm- 3:00pm (EGL 0102) LAB
0401 W.....12:00pm-12:50pm (CHE 2108) STAFF
Th.....1:00pm- 3:00pm (EGL 0102) LAB
0501 W.....12:00pm-12:50pm (CHE 2108) STAFF
F.....1:00pm- 3:00pm (EGL 0102) LAB

ENME315 (PermReq) Intermediate Thermodynamics; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0108) STAFF
0201 MWF.....10:00am-10:50am (EGR 1108) STAFF
0301 MWF.....11:00am-11:50am (EGR 1104) STAFF

ENME320 (PermReq) Thermodynamics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1126) STAFF
0201 MWF.....11:00am-11:50am (EGR 0110) STAFF

ENME321 (PermReq) Transfer Processes; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2112) STAFF
0201 MWF.....10:00am-10:50am (EGR 2154) STAFF
0301 MWF.....11:00am-11:50am (EGR 3110) STAFF

ENME342 (PermReq) Fluid Mechanics I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3110) STAFF

0201 TuTh.....9:30am-10:45am (EGR 1104) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 0135) STAFF

ENME343 (PermReq) Fluid Mechanics Laboratory; Grade Method: REG/P-F/AUD; — 1 credit
0101 M.....12:00pm-12:50pm (CHE 2108) STAFF
M.....1:00pm- 3:00pm (EGL B0110) LAB
0201 M.....12:00pm-12:50pm (CHE 2108) STAFF
Tu.....1:00pm- 3:00pm (EGL B0110) LAB
0301 M.....12:00pm-12:50pm (CHE 2108) STAFF
W.....1:00pm- 3:00pm (EGL B0110) LAB
0401 M.....12:00pm-12:50pm (CHE 2108) STAFF
Th.....1:00pm- 3:00pm (EGL B0110) LAB
0501 M.....12:00pm-12:50pm (CHE 2108) STAFF
F.....1:00pm- 3:00pm (EGL B0110) LAB

ENME360 (PermReq) Dynamics of Machinery; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 3110) STAFF
0201 TuTh.....9:30am-10:45am (EGR 1106) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 1104) STAFF

ENME381 (PermReq) Measurements Laboratory; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-11:50am (EGR 1202) STAFF
M.....12:30pm- 3:30pm (EGL 1187) LAB
0102 TuTh.....11:00am-11:50am (EGR 1202) STAFF
Tu.....12:30pm- 3:30pm (EGL 1187) LAB
0103 TuTh.....11:00am-11:50am (EGR 1202) STAFF
W.....12:30pm- 3:30pm (EGL 1187) LAB
0104 TuTh.....11:00am-11:50am (EGR 1202) STAFF
Th.....12:30pm- 3:30pm (EGL 1187) LAB
0105 TuTh.....11:00am-11:50am (EGR 1202) STAFF
F.....12:30pm- 3:30pm (EGL 1187) LAB

ENME400 (PermReq) Machine Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1120) STAFF
0201 TuTh.....9:30am-10:45am (EGR 1120) STAFF
0301 MWF.....1:00pm- 1:50pm (EGR 2112) STAFF

ENME401 (PermReq) The Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3108) STAFF
0201 MWF.....10:00am-10:50am (EGR 1104) STAFF
0301 MWF.....10:00am-10:50am (EGR 3110) STAFF

ENME402 (PermReq) Selected Topics in Engineering Design; Grade Method: REG/P-F/AUD; Design technical elective. Permission of instructor required. — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1104) STAFF

ENME403 (PermReq) Automatic Controls; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1120) STAFF
0201 MWF.....9:00am- 9:50am (EGR 1106) STAFF
0301 MWF.....9:00am- 9:50am (EGR 0108) STAFF

ENME404 (PermReq) Mechanical Engineering Systems Design; Grade Method: REG/P-F/AUD; Limited to December graduates. — 4 credits
0101 TuTh.....11:00am-11:50am (CHE 2110) STAFF
TuTh.....12:30pm- 3:30pm (CHE 2108) DIS

ENME405 (PermReq) Energy Conversion Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0104) STAFF
0201 MWF.....11:00am-11:50am (EGR 1120) STAFF
0301 MWF.....11:00am-11:50am (EGR 3108) STAFF

ENME412 (PermReq) Mechanical Design For Manufacturing and Production; Grade Method: REG/P-F/AUD; Prerequisite: design technical elective. — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 2154) STAFF

ENME414 (PermReq) Computer-Aided Design; Grade Method: REG/P-F/AUD; Design technical elective. Permission of instructor required. — 3 credits
0101 TuTh.....9:30am-10:45am (EGL 1101) STAFF

ENME415 (PermReq) Engineering Applications of Solar Energy; Grade Method: REG/P-F/AUD; Design technical elective. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1102) STAFF

ENME484 (PermReq) Machine Design II; Grade Method: REG/P-F/AUD; Design technical elective. — 3 credits
0101 MWF.....10:00am-10:50am (EGR 2112) STAFF

ENME480 (PermReq) Engineering Experimentation; Grade Method: REG/P-F/AUD; Limited to December graduates. — 3 credits
0101 M.....12:00pm-12:50pm (EGR 1202) STAFF
MW.....1:00pm- 3:30pm (EGR 1202) LAB

ENME488 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors. — 3 credits

ENME489 (PermReq) Special Topics in Mechanical Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ENME489A (PermReq) Special Topics in Mechanical Engineering: Symbolic Computing Languages in Engineering Systems; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2154) Baras, J
TuTh.....9:00am-11:00am (EGR 0311) LAB

ENME489B (PermReq) Special Topics in Mechanical Engineering: Biomedical Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3114) STAFF

ENME489D (PermReq) Special Topics in Mechanical Engineering: Design for Manufacture; Grade Method: REG/P-F/AUD; Design technical elective. — 3 credits
0101 MW.....9:00am- 9:50am (EGR 1124) STAFF
Time and room to be arranged LAB

ENME489I (PermReq) Special Topics in Mechanical Engineering: Internal Combustion Engines; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2154) STAFF

ENME489L (PermReq) Special Topics in Mechanical Engineering: Patent Law in Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....5:00pm- 7:30pm (EGR 2154) STAFF

ENME489R (PermReq) Special Topics in Mechanical Engineering: Robotics in Engineering; Grade Method: REG/P-F/AUD; Design technical elective. — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2112) STAFF

ENME489T (PermReq) Special Topics in Mechanical Engineering: Turbomachinery; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (ITV 1111) STAFF

ENME605 (PermReq) Advanced Systems Control; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 0110) STAFF

ENME611 (PermReq) Manufacturing Processes; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (ITV 1100) STAFF

ENME612 (PermReq) Mechanical Packaging of Advanced Electronic Systems; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1106) STAFF

ENME614 (PermReq) Advanced Production Control Techniques; Grade Method: REG/AUD; — 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 3110) STAFF

ENME624 (PermReq) Energy Conversion: Plasma State; Grade Method: REG/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1120) STAFF

ENME631 (PermReq) Advanced Conduction and Radiation Heat Transfer; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3111) STAFF

ENME651 (PermReq) Fundamentals of Fluid Mechanics I; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1120) STAFF

ENME658 (PermReq) Current Topics in Fluid Dynamics: Current Topics in Fluid Dynamics; Grade Method: REG/AUD; — 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 1120) STAFF

ENME662 (PermReq) Linear Vibrations; Grade Method: REG/AUD; — 3 credits
0101 MW.....8:00am- 9:15am (EGR 2107) STAFF

ENME677 (PermReq) Applied Elasticity; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 2107) STAFF

ENME700 (PermReq) Advanced Mechanical Engineering Analysis I; Grade Method: REG/AUD; — 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 2107) STAFF

ENME788 (PermReq) Seminar: Mechanical Engineering Seminar; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged STAFF

ENME799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENME808F (PermReq) Advanced Topics in Mechanical Engineering: Finite Element Methods; Grade Method: REG/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 3102) STAFF

ENME808N (PermReq) Advanced Topics in Mechanical Engineering: Numerical Methods in Heat Transfer; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 1120) STAFF

ENME808Y (PermReq) Advanced Topics in Mechanical Engineering: Energy Systems Analysis; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1104) STAFF

ENME899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENNU Engineering, Nuclear (Engineering)

ENNU310 (PermReq) Environmental Aspects of Nuclear Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2108) Duffey, D

ENNU430 (PermReq) Radioisotope Power Sources; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....6:45pm- 9:15pm (CHE 2120) Duffey, D

ENNU440 (PermReq) Nuclear Technology Laboratory; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....1:00pm- 3:00pm (CHE 2140) Pertmer, G
Th.....1:00pm- 5:00pm (CHE 1308) LAB
Th.....1:00pm- 5:00pm (CHE 2302) DIS

ENNU450 (PermReq) Nuclear Reactor Engineering I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2118) Almenas, K

ENNU461 (PermReq) Chemical Separation in the Nuclear Cycle Reactor Fuel; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (CHE 2140) Duffey, D

ENNU468 (PermReq) Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ENNU468B (PermReq) Research: Basic Reliability Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....6:30pm- 9:00pm (ITV 1100) STAFF

ENNU468C (PermReq) Research: Basic Reliability Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....6:30pm- 9:00pm (ITV 1100) Modarres, M

ENNU480 (PermReq) Reactor Core Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....4:30pm- 5:45pm (CHE 2140) STAFF

ENNU609 (PermReq) Seminar in Nuclear Engineering; Grade Method: REG/AUD; — 1 credit
0101 Tu.....11:00am-11:50am (CHE 2145) Modarres, M

ENNU620 (PermReq) Methods of Engineering Analysis; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:30pm- 6:45pm (CHE 2116) STAFF

ENNU640 (PermReq) Nuclear Reactor Physics II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:30pm- 6:45pm (CHE 2120) Munno, F

ENNU648 (PermReq) Special Problems in Nuclear Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

ENNU648E (PermReq) Special Problems in Nuclear Engineering: Electronic Component Failure Analysis; Grade Method: REG; — 3 credits
0101 Tu.....6:30pm- 9:00pm (CHE 2145) STAFF

ENNU648F (PermReq) Special Problems in Nuclear Engineering: Human Reliability Analysis; Grade Method: REG; — 3 credits
0101 Th.....6:30pm- 9:00pm (ITV 1100) STAFF

ENNU720 (PermReq) Neutral Particle Transport Theory; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Munno, F

ENNU799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENNU840 (PermReq) Nuclear Reactor Design; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....4:00pm- 5:15pm (CHE 2116) Hsu, Y

ENNU899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ENTM Entomology (Life Sciences)

ENTM100 Insects; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 0200) Hellman, J

ENTM111 Beekeeping; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....11:00am-11:50am (SYM 1308) Hellman, J

ENTM303 International Pesticide Problems and Solutions; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (SYM 1308) Bottrell, D

ENTM398 General Colloquium in Entomology; Grade Method: REG/P-F/AUD; — 1 credit
0101 M.....4:00pm- 4:50pm (SYM 0200) STAFF

ENTM399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

ENTM423 Insect Morphology and Classification; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....1:00pm- 4:00pm (SYM 2303) Messersmith, D

ENTM451 Insect Pests of Agricultual Crops; Grade Method: REG/P-F/AUD; Prerequisite: ENTM 204. — 4 credits
0101 TuTh.....8:00am- 8:50am (SYM 1308) Hellman, J
TuTh.....9:00am-11:00am (SYM 2300) LAB

ENTM453 Insect Pests of Ornamentals and Turf; Grade Method: REG/P-F/AUD; Prerequisite: ENTM 204 or approval of instructor. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (SYM 1308) Davidson, J
Tu.....2:00pm- 5:00pm (SYM 2300) LAB

ENTM472 Medical and Veterinary Entomology; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....1:00pm- 1:50pm (SYM 1308) Armstrong, E
W.....2:00pm- 4:00pm (SYM 2300) LAB

ENTM653 Toxicology of Insecticides; Grade Method: REG/AUD; — 3 credits
0101 MWF.....8:00am- 8:50am (SYM 1308) Menzer, R

ENTM699 (PermReq) Advanced Entomology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENTM723 Taxonomy of Larval Insects; Grade Method: REG/AUD; — 2 credits
0101 M.....9:00am-12:00pm (SYM 2300) LAB Raupp, M

ENTM789 Field Experience in Pest Management; Grade Method: REG/AUD; — 1-6 credits
0101 Time and room to be arranged Dively II, G
0201 Time and room to be arranged Harrison, F

ENTM798A Topic Seminar: Seminar in Biosystematics and Morphology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Mitter, C

ENTM798B Topic Seminar: Insect Population Regulation; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Morrison, G

ENTM798C Topic Seminar: Physiology and Toxicology: Insect Transmission of Plant Disease; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Hsu, H

ENTM798D Topic Seminar: Insect Pest Management; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Dively II, G

ENTM798E Topic Seminar: Vectorial Capacity; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Scott, T

ENTM798F Topic Seminar: Scientific Illustration; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Teramura, K

ENTM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENTM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

FDSC Food Science (Agriculture)

FDSC111 Contemporary Food Industry and Consumerism; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (SYM 0200) Weeks, C

FDSC399 (PermReq) Special Problems in Food Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FDSC413 Principles of Food Processing II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (ANS 1109) Marshall, J

FDSC421 (PermReq) Food Chemistry; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (ANS 1109) Vijay, I

FDSC431 Food Quality Control; Grade Method: REG/P-F/AUD; Class will meet in room HZF 1108, Thursday 6-7:15p.m. — 4 credits
0101 Tu.....6:00pm- 7:15pm (HZF 0128B) Schlimme, D
Th.....6:00pm- 7:15pm (HZF 1108)
Th.....7:30pm- 9:30pm (HZF 0109) LAB

FDSC471 Meat and Meat Processing; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (HZF 1108) Solomon, M

FDSC689I Seminar in Food Science: Food Industry Regulations; Grade Method: REG/AUD; — 3 credits
0101 W.....6:00pm- 8:45pm (HZF 1108) Pohland, A

FDSC698 Colloquium in Food Science; Grade Method: REG/AUD; — 1 credit
0101 Tu.....4:00pm- 4:50pm (HZF 1102) Westhoff, D

FDSC699 (PermReq) Special Problems in Food Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

FDSC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FDSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

FMCD Family and Community Development (Human Ecology)

FMCD105 The Individual in the Family; Grade Method: REG/P-F/AUD; For freshmen and sophomores only. 3 credits
0101 MWF.....10:00am-10:50am (ARM 0112) Wilson, L
0201 MWF.....11:00am-11:50am (ARM 0112) Wilson, L

FMCD200 Pre-professional Seminar; Grade Method: REG/P-F/AUD; Formerly FMCD 270. 1 credit
0101 M.....2:00pm- 2:50pm (TLF 0124) Wilson, L

FMCD201 Concepts in Community Development; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....6:00pm- 8:45pm (TLF 0124) Lyons, E

FMCD260 Interpersonal Life Styles; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0124) Zeiger, R

FMCD330 Family Patterns; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (SKN 0124) Zeiger, R

FMCD332 The Child in the Family; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MHH 3418) Millstein, F

FMCD348 (PermReq) Practicum in Family and Community Development; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Advance written application. Student must arrange schedule to enable appropriate time blocks for experience. Concurrent enrollment in 1-credit of FMCD 349 required with registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 349. Students are encouraged to find internship placements that permit a 12-36 hour per week involvement. Appropriate credits will be rewarded. 4 credits

FMCD349 Analysis of Practicum; Grade Method: REG/P-F/AUD; Advance written application required. Enrollment for 1-credit required with first registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 348. 1 credit
0101 M.....9:00am-11:00am (MHH 1206) Millstein, F

FMCD381 Poverty and Affluence Among Families and Communities; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0105) STAFF

FMCD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 387. 1-3 credits

FMCD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 386. 1-3 credits

FMCD399 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD431 Family Crises and Intervention; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: PSYC 100. For seniors and graduate students only. 3 credits
0101 M.....6:00pm- 8:45pm (MHH 1304) Werlinich, C

FMCD441 Personal and Family Finance; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (ARM 0117) Churaman, C
0201 MWF.....10:00am-10:50am (ARM 0117) Churaman, C

FMCD452 Family and Community Policy Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:00pm- 6:45pm (WDS 0104) Anderson, E

FMCD483 Family and Community Service Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 1101) Lyons, E

FMCD485 Introduction to Family Counseling; Grade Method: REG/P-F/AUD; Restricted to juniors and seniors only. 3 credits
0101 Th.....11:00am- 1:45pm (MHH 1206) Werlinich, C

FMCD487 Legal Aspects of Family Problems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Restricted to juniors, seniors, and graduate students only. credits
0101 TuTh.....2:00pm- 3:15pm (MHH 1400) Myricks, N

FMCD497 The Child and the Law; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MHH 0108) Myricks, N

FMCD600 Research and Theory in Family Studies; Grade Method: REG/AUD; 3 credits
0101 Tu.....5:00pm- 7:45pm (MHH 1206) Leslie, L

FMCD610 Research Methods for Family and Community Development; Grade Method: REG/AUD; 3 credits
0101 F.....9:00am-11:45am (MHH 1206) Anderson, E

FMCD640 Family Therapy: Theory and Techniques; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:45pm (MHH 1206) Leslie, L

FMCD642 Intergenerational Aspects of Family Therapy; Grade Method: REG/AUD; 3 credits
0101 Th.....2:00pm- 4:45pm (MHH 1206) Gaylin, N

FMCD645 Sexual Issues and the Helping Professional; Grade Method: REG/AUD; 3 credits
0101 Th.....9:00am-11:45am (MHH 1210) Epstein, N

FMCD650 Clinical Seminar in Family Therapy; Grade Method: REG/AUD; Restricted to MFT specialization students 3 credits
0101 Tu.....9:00am-11:45am (MHH 1206) Gaylin, N

FMCD652 Clinical Practicum in Family Therapy II; Grade Method: REG/AUD; Restricted to MFT specialization students 3 credits
0101 Tu.....9:00am-11:45am (MHH 1210) Epstein, N

FMCD660 Planning of Family and Community Development Programs; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1179) Corey, K

FMCD698 (PermReq) Advanced Topics in Family and Community Development; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-3 credits

FMCD698P Advanced Topics in Family and Community Development: Family Policy; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:45pm (WDS 0104) Anderson, E

FMCD699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD699S (PermReq) Independent Study: Theory and Practice of Clinical Supervision; Grade Method: REG/AUD; 1-6 credits
0101 Time and room to be arranged Gaylin, N

FMCD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-6 credits

---

FOLA Foreign Language (Arts and Humanities)

FOLA128 Introductory Middle Eastern Languages I: Arabic I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0107) Stowasser, K

SELF-INSTRUCTIONAL LANGUAGE PROGRAM

The program is essentially self-instructional. The student supplies a blank tape and, in return, receives a recorded tape with the week's lesson. There is also a manual designed for self-instruction which the student is required to purchase. A native speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 3106. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside of JMZ 3122.

FOLA138A (PermReq) Directed Study of a Foreign Language I: Hungarian I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA138C (PermReq) Directed Study of a Foreign Language I: Modern Greek I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138D (PermReq) Directed Study of a Foreign Language I: Dutch I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138F (PermReq) Directed Study of a Foreign Language I: Polish I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138K (PermReq) Directed Study of a Foreign Language I: Persian I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138P (PermReq) Directed Study of a Foreign Language I: Hindi I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138R (PermReq) Directed Study of a Foreign Language I: Turkish I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138S (PermReq) Directed Study of a Foreign Language I: Egyptian Arabic I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA138U (PermReq) Directed Study of a Foreign Language I: Korean I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA139P (PermReq) Directed Study of a Foreign Language II: Hindi II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138P or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122.Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148A (PermReq) Directed Study of a Foreign Language III: Hungarian III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139A or FOLA 158A or consent of program director. All students planning to take this course must complete an application form (available in JMZ 3016). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148C (PermReq) Directed Study of a Foreign Language III: Modern Greek III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139C or FOLA 158C or consent of program director. All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148D (PermReq) Directed Study of a Foreign Language III: Dutch III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139D or FOLA 158D or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148F (PermReq) Directed Study of a Foreign Language III: Polish III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139F or FOLA 158F or consent of program director. All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148K (PermReq) Directed Study of a Foreign Language III: Persian III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139K or FOLA 158K or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148P (PermReq) Directed Study of a Foreign Language III: Hindi III; Grade Method: REG/P-F/AUD; Prerequisites: FOLA 139P or FOLA 158P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148R (PermReq) Directed Study of a Foreign Language III: Turkish III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139R or FOLA 158R or consent of program director. All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148S (PermReq) Directed Study of a Foreign Language III: Egyptian Arabic III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139S or FOLA 158S or consent of program director. All students planning to take this course must complete application form (avaible in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outsied JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148U (PermReq) Directed Study of a Foreign Language III: Korean III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139U or FOLA 158U or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149C (PermReq) Directed Study of a Foreign Language IV: Modern Greek IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148C or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149P (PermReq) Directed Study of a Foreign Language IV: Hindi IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148P or consent of program director. All students planning to take this course must complete application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158P (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Hindi (Intensive); Grade Method: REG/P-F/AUD; 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158X (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Urdu; Grade Method: REG/P-F/AUD; Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA159P (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi; Grade Method: REG/P-F/AUD; 6 credits
0101 Time and room to be arranged MacBain, W

FOLA159X (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 158X or 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 3106). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA228 Intermediate Middle Eastern Languages I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0117) Stowasser, K

FOLA389A Foreign Civilization: Germanic Mythology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2206) Fleck, J

FOLA389B Foreign Civilization: The Ancient Celts; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3205) Fleck, J

FOLA389C Foreign Civilization: German Civilization I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3205) Herin, C

FOLA418U Practicum in Translation for International Diplomacy; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 9/2/87 at 3pm in FS KEY 3101. After that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 3 credits
0101 Time and room to be arranged Pulgram-Fleck,

FOLA418Y Practicum in Translation for International Diplomacy; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....12:00pm- 2:00pm (JMZ 0202) STAFF
W.....12:00pm- 1:00pm (JMZ 0202)

FOLA459A Foreign Literature in Translation: Masterpieces of Scandinavian Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....1:00pm- 3:30pm (JMZ 2102) Oster, R

FOOD Food (Human Ecology)

FOOD110 Food For People; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0105) Oriani, J

FOOD240 Science of Food I; Grade Method: 3 credits

(PermReq) REG/P-F/AUD; Pre or co-requisites: CHEM 104 or 233.
0101 TuTh.....10:00am-10:50am (ARM 0117) Curtis, S
Tu.....2:00pm- 5:00pm (MRH 3401) LAB
0102 TuTh.....10:00am-10:50am (ARM 0117) Curtis, S
W.....2:00pm- 5:00pm (MRH 3401) LAB

~~FOOD250~~ Science of Food II; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prerequisite: FOOD 240.
0101 TuTh.....1:00pm- 1:50pm (MRH 3418) Curtis, S
M.....2:00pm- 5:00pm (MRH 3401) LAB

~~FOOD440~~ Advanced Food Science I; Grade Method: 3 credits
REG/P-F/AUD; Prerequisites: FOOD 250; BCHM 261 or 461.
0101 TuTh.....11:00am-12:15pm (MRH 0108) Choi, Y

~~FOOD445~~ Advanced Food Science Laboratory; Grade 1 credit
Method: REG/P-F/AUD;
0101 W.....1:00pm- 4:00pm (MRH 3419) LAB Choi, Y

~~FOOD660~~ Research Methods; Grade Method: REG/AUD; 3 credits
Prerequisite: a statistics course.
0101 TuTh.....5:00pm- 6:15pm (MRH 3448) Prather, M

~~FOOD678P~~ Special Topics in Foods: Food Proteins; 3 credits
Grade Method: REG/AUD;
0101 M.....6:00pm- 8:45pm (MRH 3418) Choi, Y

~~FOOD688~~ Seminar; Grade Method: REG/AUD; 1 credit
0101 Th.....4:00pm- 4:50pm (MRH 3418) Williams, E

~~FOOD789~~ Non-Thesis Research; Grade Method: S-F; 1-3 credits
Individual Instruction course: contact department or instructor to obtain section number.

~~FOOD799~~ Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

~~FOOD888~~ Doctoral Seminar; Grade Method: REG/AUD; 1 credit
(PermReq)
0101 F.....4:00pm- 5:30pm (MRH 0108) Read, M

~~FOOD899~~ Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

FREN French (Arts and Humanities)

A booklet fully describing courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

FREN101 Elementary French; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript.
0101 MTuWF.....8:00am- 8:50am (JMZ 2120) STAFF
0201 MTuWF.....8:00am- 8:50am (JMZ 0118) STAFF
0301 MWF.....9:00am- 9:50am (JMZ 1120) STAFF
Tu.....9:00am- 9:50am (JMZ 2120)
0401 MTuWF.....10:00am-10:50am (JMZ 2120) STAFF
0501 MTuWF.....11:00am-11:50am (JMZ 0122) STAFF
0601 MTuWF.....12:00pm-12:50pm (JMZ 0122) STAFF
0701 MTuWF.....1:00pm- 1:50pm (JMZ 2125) STAFF
0801 MTuWF.....1:00pm- 1:50pm (JMZ 0103) STAFF
0901 MTuWF.....2:00pm- 2:50pm (JMZ 0103) STAFF
1001 MW.....2:00pm- 4:00pm (JMZ 0118) STAFF
1101 MW.....7:00pm- 9:00pm (JMZ 0118) STAFF

FREN101H Elementary French; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript.
0101 MWF.....9:00am- 9:50am (JMZ 2102) STAFF
M.....10:00am-10:50am (ARC 1123)

FREN102 Elementary French; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Open only to students who have completed FREN 101 on this campus, or by permission of course chairperson.
0201 MWThF.....8:00am- 8:50am (JMZ 2123) STAFF
0301 MWThF.....10:00am-10:50am (JMZ 0103) STAFF
0401 MWThF.....11:00am-11:50am (JMZ 0103) STAFF
0501 MWThF.....12:00pm-12:50pm (JMZ 0103) STAFF
0601 MW.....2:00pm- 4:00pm (JMZ 2125) STAFF
0701 MW..... 2:00pm- 4:00pm (JMZ 2122) STAFF

FREN103 Review of Elementary French; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the " Foreign Language Placement" section in this schedule. Students must show high school transcript.
0101 MWThF.....8:00am- 8:50am (JMZ 0122) STAFF
0201 MWThF.....9:00am- 9:50am (JMZ 0122) STAFF
0301 MWThF.....10:00am-10:50am (JMZ 0122) STAFF
0401 TuTh.....2:00pm- 4:00pm (JMZ 2125) STAFF
0501 MWThF.....12:00pm-12:50pm (JMZ 2122) STAFF
0601 MWF.....1:00pm- 1:50pm (JMZ 2123) STAFF
Th.....1:00pm- 1:50pm (JMZ 2122)
0701 MWF.....1:00pm- 1:50pm (JMZ 2122) STAFF
Th.....1:00pm- 1:50pm (JMZ 0122)
0801 MWF.....2:00pm- 2:50pm (JMZ 0125) STAFF
Th.....2:00pm- 2:50pm (JMZ 0204)
0901 MW.....2:00pm- 4:00pm (JMZ 2120) STAFF

FREN104 Intermediate French; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Student must show high school transcript. Section 0601 is a pilot section.
0101 MWThF.....8:00am- 8:50am (JMZ 0125) STAFF
0201 MWThF.....10:00am-10:50am (JMZ 0125) STAFF
0301 MWThF.....11:00am-11:50am (JMZ 0125) STAFF
0401 MWThF.....12:00pm-12:50pm (JMZ 0125) STAFF
0501 MWThF.....1:00pm- 1:50pm (JMZ 0125) STAFF
0601 MWF.....11:00am-11:50am (JMZ 2120) STAFF
Tu.....11:00am-11:50am (JMZ 0125)
0701 MWF.....11:00am-11:50am (ARM 0103) STAFF
Th.....11:00am-11:50am (JMZ 1211)

FREN104H Intermediate French; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Honors course.
0101 MWF.....12:00pm-12:50pm (JMZ 3120) Demaitre, A
F.....1:00pm- 1:50pm (JMZ 3120)

FREN121 Accelerated French I; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 TuTh.....11:00am-12:15pm (JMZ 3118) MacBain, W

FREN121H Accelerated French I; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Honors.
0101 TuTh.....11:00am-12:15pm (JMZ 3118) MacBain, W

FREN200 French For Reading; Grade Method: 3 credits
REG/P-F/AUD;
0101 MW.....2:00pm- 3:15pm (JMZ 3118) Demaitre, A

FREN201 Review Grammar and Composition; Grade 3 credits
Method: REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (JMZ 3120) Bondurant, D
0201 TuTh.....2:00pm- 3:15pm (JMZ 3120) Joseph, J
0301 MWF.....9:00am- 9:50am (JMZ 3118) STAFF

FREN211 Intermediate Conversation; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (JMZ 2123) STAFF
0201 MWF.....11:00am-11:50am (JMZ 2122) Heyndels, I
0301 TuTh.....11:00am-12:15pm (JMZ 2123) STAFF

FREN250 Readings in French; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....9:00am- 9:50am (JMZ 3120) Heyndels, I
0301 MWF.....11:00am-11:50am (JMZ 3120) Demaitre, A

FREN250H Readings in French; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....9:00am- 9:50am (JMZ 3120) Heyndels, I
0301 MWF.....11:00am-11:50am (JMZ 3120) Demaitre, A

~~FREN301~~ Composition and Style; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (JMZ 3120) Heyndels, I
0201 MWF.....11:00am-11:50am (JMZ 2123) Rubin, V

~~FREN302~~ Introduction to Translation; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (JMZ 2120) Hage, M

~~FREN311~~ French Conversation: Contemporary Issues; 3 credits
Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 TuTh.....9:30am-10:45am (JMZ 2125) STAFF
0201 MWF.....12:00pm-12:50pm (JMZ 2123) Verdaguer, P

~~FREN312~~ French Conversation: Current Cultural 3 credits
Events; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 TuTh.....12:30pm- 1:45pm (JMZ 1122) Barrabini, M
0201 MWF.....1:00pm- 1:50pm (JMZ 1125) STAFF

~~FREN351~~ French Literature From the Revolution to 3 credits
the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....10:00am-10:50am (JMZ 3118) Therrien, M

~~FREN351H~~ French Literature From the Revolution to 3 credits
the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors.
0101 MWF.....10:00am-10:50am (JMZ 3118) Therrien, M

~~FREN352~~ French Literature From the Middle Ages to 3 credits
the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 TuTh.....9:30am-10:45am (JMZ 3118) MacBain, W

~~FREN352H~~ French Literature From the Middle Ages to 3 credits
the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors.
0101 TuTh.....9:30am-10:45am (JMZ 3118) MacBain, W

~~FREN386~~ Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

~~FREN387~~ Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

~~FREN398~~ Practicum in Spoken French; Grade Method: 1 credit
(PermReq) S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chairman.

~~FREN399~~ Directed Study in French; Grade Method: 1-3 credits
(PermReq) S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. Contact department for details.

~~FREN400~~ Applied Linguistics; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....12:30pm- 1:45pm (JMZ 3118) Joseph, J

~~FREN404~~ Advanced Conversation in French; Grade 3 credits
Method: REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:15pm (JMZ 1125) Barrabini, M

~~FREN405~~ Explication De Textes; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (JMZ 3120) Fink, B

~~FREN469~~ Studies in 20th Century French Literature; 3 credits
Grade Method: REG/P-F/AUD;
0101 MWF.....11:00am-11:50am (JMZ 2125) Tarica, R

~~FREN469H~~ Studies in 20th Century French Literature; 3 credits
(PermReq) Grade Method: REG/P-F/AUD;
0101 MWF.....11:00am-11:50am (JMZ 2125) Tarica, R

~~FREN473~~ Contemporary French Society; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....2:00pm- 2:50pm (JMZ 1104) Verdaguer, P

~~FREN473H~~ Contemporary French Society; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....2:00pm- 2:50pm (JMZ 1104) Verdaguer, P

~~FREN478B~~ Themes and Movements of French Literature 3 credits
in Translation: Autobiographical Fiction by Francophone Women Writers; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;
0101 MWF.....1:00pm- 1:50pm (JMZ 3118) Hage, M

~~FREN478C~~ Themes and Movements of French Literature 3 credits
in Translation: Conflict between Individual and Society in French Literature ; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;
0101 MWF... ...10:00am-10:50am (JMZ 2123) Rubin, V

~~FREN494H~~ Honors Independent Study; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

~~FREN495H~~ Honors Thesis Research; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

~~FREN498B~~ Special Topics in French Literature: 3 credits
Francophone Women Writers; Grade Method: REG/P-F/AUD;
0101 MWF.....1:00pm- 1:50pm (JMZ 3118) Hage, M
M.....10:00am-10:50am (JMZ 1123) DIS

~~FREN498C~~ Special Topics in French Literature: The 3 credits
Conflict Between the Individual and Society; Grade Method: REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (JMZ 2123) Rubin, V
F.....1:00pm- 1:50pm (JMZ 2102)

~~FREN499B~~ Special Topics in French Studies: La 3 credits
Literature Francophone; Grade Method: REG/P-F/AUD;
0101 MWF.....12:00pm-12:50pm (JMZ 2125) Black, C

~~FREN603~~ Stylistics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3118) Fink, B

~~FREN649~~ Special Topic in Eighteenth Century French 3 credits
Literature: Diderot, Sade and Philosophical Materialism; Grade Method: REG/AUD;
0101 Tu.....4:00pm- 6:30pm (JMZ 3118) Fink, B

~~FREN659~~ Special Topic in Nineteenth Century French 3 credits
Literature: French Novelists in the Nineteenth Century; Grade Method: REG/AUD;
0101 W.....2:00pm- 4:30pm (JMZ 3120) Therrien, M

~~FREN679A~~ The History of Ideas in France: Modernity 3 credits
and Fragmented Thought; Grade Method: REG/AUD;
0101 M.....4:30pm- 7:00pm (JMZ 4223) Heyndels, R

~~FREN709~~ College Teaching of French; Grade Method: 1 credit
S-F;
0101 Th.....4:00pm- 4:50pm (JMZ 3120) Joseph, J

~~FREN798~~ Master's Independent Study; Grade Method: 1-3 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

~~FREN799~~ Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

~~FREN898~~ Doctoral Independent Study; Grade Method: 3 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

~~FREN899~~ Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

GEOG Geography (Behavior & Social Sci)

GEOG100 Introduction to Geography; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
Th.....10:00am-10:50am (JMZ 0118) DIS
0102 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
Th.....11:00am-11:50am (EGR 3102) DIS
0103 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
F.....9:00am- 9:50am (ARM 0105) DIS
0104 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
F.....10:00am-10:50am (LEF 2205) DIS
0105 MW.....10:00am-10:50am (LEF 2205) Cirrincione, J
F.....12:00pm-12:50pm (TAA 1124) DIS
0201 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
Th.....10:00am-10:50am (JMZ 2120) DIS
0202 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
Th.....11:00am-11:50am (ZOP 1234) DIS
0203 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
F.....9:00am- 9:50am (TAA 1122) DIS
0204 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
F.....10:00am-10:50am (TAA 1122) DIS
0205 MW.....11:00am-11:50am (LEF 2205) Cirrincione, J
F.....11:00am-11:50am (LEF 2205) DIS

GEOG110 The World Today: A Regional Geography; 3 credits
Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 TuTh.....9:30am-10:45am (LEF 2205) Harper, R

GEOG130 Developing Countries; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 TuTh.....11:00am-12:15pm (LEF 1220) Samarasinghe, V

GEOG140 Coastal Environments; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;
0101 TuTh.....9:30am-10:45am (JMZ 0220) Thomas, M

GEOG150 World Cities; Grade Method: REG/P-F/AUD; 3 credits
Meets USP Distributive Studies (A) Cultural and Historical requirement; Satisfies URBS 100 requirement
0101 TuTh.....2:00pm- 3:15pm (LEF 2205) Samarasinghe, V

GEOG201 Geography of Environmental Systems; Grade 3 credits
Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies (B) Non-Lab Science and Mathematics requirement. If taken with GEOG 211, course may be counted as lab science requirement.
0101 MWF.....10:00am-10:50am (LEF 2208) Kearney, M

GEOG202 The World in Cultural Perspective; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;
0101 TuTh.....11:00am-12:15pm (LEF 2208) Mitchell, R
0201 TuTh.....12:30pm- 1:45pm (SKN 0124) Fonaroff, L

GEOG203 Economic Geography; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 TuTh.....12:30pm- 1:45pm (LEF 1220) Mastran, S

GEOG211 Geography of Environmental Systems 1 credit
Laboratory; Grade Method: REG/P-F/AUD; Prerequisite or corequisite GEOG 201, or GEOL 100, or GEOL 120. This is a 2 hr, 1 credit lab which parallels GEOG 201; Required for GEOG majors, optional for non-majors.
0101 Time and room to be arranged Kearney, M

GEOG305 Quantitative Methods in Geography; Grade credits
Method: REG/P-F/AUD; Satisfies URBS 350 requirements.
0101 MWF.....10:00am-10:50am (LEF 1221) Yu, F

GEOG310 Research and Writing in Geography; Grade 3 credits
Method: REG; Course satisfies English 391 composition requirement for geography majors only. Preferred prerequisite: GEOG 305. Limited to geography majors with senior standing.
0101 Tu.....3:00pm- 5:30pm (LEF 1179) Groves, P
0201 MW.....2:00pm- 3:15pm (LEF 1179) Brodsky, H

GEOG322 Central America, the Caribbean and Mexico; 3 credits
Grade Method: REG/P-F/AUD;
0101 TuTh.....12:30pm- 1:45pm (LEF 1221) Chaves, A

GEOG340 Geomorphology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 1221) Marcus, A

GEOG345 Climatology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LEF 1221) Goward, S

GEOG370 Principles of Cartography; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement;
0101 M.....4:00pm- 6:30pm (LEF 2205) Frieswyk, H
Time and room to be arranged LAB

GEOG372 Remote Sensing; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....12:00pm- 2:00pm (LEF 1220) Leatherman, S
F.....12:00pm- 2:00pm (LEF 1138) LAB
0102 M.....12:00pm- 2:00pm (LEF 1220) Leatherman, S
W.....12:00pm- 2:00pm (LEF 1138) LAB

GEOG373 Computer Mapping; Grade Method: 3 credits
REG/P-F/AUD;
0101 M.....6:30pm- 9:00pm (LEF 1221) Lai, P

GEOG384 Internship in Geography; Grade Method: 3 credits
(PermReq) REG/P-F; Prerequisites: GEOG 305 and 310.
0101 Time and room to be arranged STAFF

GEOG385 Internship Research Paper; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Must be taken with GEOG 384.
0101 Time and room to be arranged STAFF

GEOG420 Cultural Geography; Grade Method: 3 credits
REG/P-F/AUD;
0101 Th.....4:00pm- 6:30pm (LEF 1221) Fonaroff, L

GEOG434 Agricultural and Rural Development; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;
0101 W.....3:00pm- 5:30pm (LEF 1221) Samarasinghe, V

GEOG440 Process Geomorphology; Grade Method: 3 credits
REG/P-F/AUD; Prerequisite: GEOG 340 or consent of instructor.
0101 M.....7:00pm- 9:30pm (LEF 1179) Leatherman, S

GEOG454 Washington: Past and Present; Grade 3 credits
Method: REG/P-F/AUD;
0101 TuTh.....11:00am-12:15pm (LEF 1221) Groves, P

GEOG456 The Social Geography of Metropolitan 3 credits
Areas; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;
0101 TuTh.....2:00pm- 3:15pm (LEF 1201) Christian, C

GEOG464 Energy Resources and Planning; Grade 3 credits
Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement;
0101 W.....3:00pm- 5:30pm (TYD 1101) Gillard, Q

GEOG471 Cartographic Production; Grade Method: 3 credits
REG/P-F/AUD;
0101 W.....2:00pm- 4:30pm (LEF 1138) Wiedel, J
TBA (LEF 1138) LAB

GEOG480 Advanced Remote Sensing; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 372 or introductory remote sensing in another department. — 3 credits
0101 W.....7:00pm- 9:30pm (LEF 1138) Goward, S

GEOG481 Advanced Computer Mapping; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 373 or consent of instructor. — 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1201) Broome, F

GEOG483 Survey of Computer Facilities for Geography and Urban Studies; Grade Method: REG/P-F/AUD; Restricted to graduate students only in GEOG and URBS. Section 0101 is recommended for students planning to specialize in digital cartography (GEOG 481, 482, 695 and 696). — 1 credit
0101 Tu.....4:00pm- 5:15pm (LEF 1124) Thompson, D
0201 Tu.....4:00pm- 5:15pm (LEF 0225) Eney, A
0301 Th.....4:00pm- 5:15pm (LEF 0225) Eney, A

GEOG498 (PermReq) Topical Investigations: Selected Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOG498P Topical Investigations: Contemporary Problems on the Political Geography of Eastern Europe; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....2:00pm- 4:30pm (LEF 1179) Hoffman, G

GEOG600 Introduction to Graduate Study in Geography; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:30pm (LEF 1210) Mitchell, R

GEOG615 Geomorphology; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:30pm (LEF 1179) Kearney, M

GEOG618C Seminar in Geomorphology: Coastal Gemorphology; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:30pm (LEF 1179) Leatherman, S

GEOG648 Seminar in Cultural Geography; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1221) Fonaroff, L

GEOG679P Seminar in Urban Geography: The Planning Process; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1179) Corey, K

GEOG696 Geographic Information Systems; Grade Method: REG/AUD; Prerequisite: GEOG 482, GEOG 483, Consent Of Instructor. — 3 credits
0101 MW.....4:00pm- 5:30pm (LEF 2166) Thompson, D

GEOG788 (PermReq) Selected Topics in Geography; Grade Method: REG; — 1-3 credits
1501 Time and room to be arranged STAFF

GEOG788Q (PermReq) Selected Topics in Geography: Advanced Quantitative Methods; Grade Method: REG; — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 2176) Brodsky, H

GEOG789 (PermReq) Independent Readings; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOG790 (PermReq) Internship in Geography; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GEOG798 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

GEOL Geology (Comp, Math, & Phys Sci)

GEOL100 Physical Geology; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies (B) Non-Lab Sciences and Mathematics requirement. If taken with GEOL 110, course can be counted as lab-science requirement. — 3 credits
0201 MWF.....1:00pm- 1:50pm (HJP 0226) Stifel, P
0301 TuTh.....12:30pm- 1:45pm (HJP 0226) Wylie, A

GEOL101 Physical Geology for Science Students; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement. Concurrent registration with GEOL 110 required. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (GEO 1120) Siegrist Jr, H

GEOL110 Physical Geology Laboratory; Grade Method: REG/P-F/AUD; — 1 credit
0101 M.....9:00am-12:00pm (GEO 2106) LAB STAFF
0102 M.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0103 Tu.....12:00pm- 3:00pm (GEO 2106) LAB STAFF
0104 Tu.....3:00pm- 6:00pm (GEO 2106) LAB STAFF
0105 Tu.....6:00pm- 9:00pm (GEO 2106) LAB STAFF
0106 W.....9:00am-12:00pm (GEO 2106) LAB STAFF
0107 W.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0108 Th.....12:00pm- 3:00pm (GEO 2106) LAB STAFF
0109 Th.....3:00pm- 6:00pm (GEO 2106) LAB STAFF

GEOL120 Environmental Geology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 MWF.....8:00am- 8:50am (HJP 0226) Segovia, A

GEOL321 Crystallography; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 8:50am (HJP 0226) Chang, L
Tu.....1:00pm- 3:00pm (GEO 2107) LAB
0102 TuTh.....8:00am- 8:50am (HJP 0226) Chang, L
F.....2:00pm- 4:00pm (GEO 2107) LAB

GEOL331 Invertebrate Paleontology; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....9:00am- 9:50am (HBK 0117) Stifel, P
M.....2:00pm- 5:00pm (GEO 2107) LAB
0102 MWF.....9:00am- 9:50am (HBK 0117) Stifel, P
W.....2:00pm- 5:00pm (GEO 2107) LAB

GEOL340 Geomorphology; Grade Method: REG/P-F/AUD; — 4 credits
0101 MWF.....10:00am-10:50am (GEO 1120) Ridky, R
W.....11:00am- 1:00pm (GEO 2107) LAB

GEOL393 Technical Writing for Geoscientists; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....4:00pm- 5:30pm (HBK 1112) Stifel, P

GEOL394 Research Problems in Geology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....4:00pm- 5:30pm (HBK 1112) Stifel, P

GEOL423 Optical Mineralogy; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....2:00pm- 2:50pm (GEO 2117) Wylie, A
Th.....8:00am-12:00pm (GEO 2117) LAB

GEOL443 Petrology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-11:50am (GEO 1120) Nielsen, R
M.....1:00pm- 4:00pm (GEO 2117) LAB

GEOL444 Petrography; Grade Method: REG; — 3 credits
0101 W.....1:00pm- 2:00pm (GEO 1120) Nielsen, R
F.....2:00pm- 3:00pm (GEO 1120)
W.....2:00pm- 5:00pm (GEO 2117) LAB

GEOL445 Principles of Geochemistry; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (GEO 1120) Candela, P

GEOL446 Geophysics; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....6:00pm- 9:00pm (GEO 1120) Wynn, J

GEOL447 Geochemistry of Fuels; Grade Method: REG; — 3 credits
0101 Tu.....7:00pm-10:00pm (GEO 1120) Hatcher, P

GEOL472 Tectonics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am-10:00am (GEO 1120) McLellan, E

GEOL499 (PermReq) Special Problems in Geology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOL499M Special Problems in Geology: Special Topics in Morphotectonics; Grade Method: REG/P-F/AUD; — 1-3 credits
0101 MF.....10:00am-11:00am (GEO 2117) Segovia, A
W.....11:00am- 1:00pm (GEO 2117) LAB

GEOL610 Geometrics; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (GEO 1120) Siegrist Jr, H

GEOL614 Thermodynamics of Geological Processes; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:30pm (GEO 2107) Candela, P

GEOL622 Minerology of the Rock-Forming Silicates; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 5:00pm (GEO 1120) Chang, L

GEOL663 Morphotectonics; Grade Method: REG/AUD; — 3 credits
0101 MF.....10:00am-11:00am (GEO 2117) Segovia, A
W.....11:00am- 1:00pm (GEO 2117) LAB

GEOL789 Recent Advances in Geology; Grade Method: REG/AUD; — 2-4 credits
0101 W.....2:00pm- 5:00pm (GEO 1120) Ridky, R

GEOL798 (PermReq) Seminar in Geology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

GEOL799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOL899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

GERM German (Arts and Humanities)

GERM101 Elementary German I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 0204) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 0204) STAFF
0301 MTuWF.....10:00am-10:50am (JMZ 0204) STAFF
0401 MWF.....11:00am-11:50am (HZF 1101) STAFF
Tu.....11:00am-11:50am (JMZ 0204)
0501 MTuWF.....12:00pm-12:50pm (JMZ 0204) STAFF
0601 MTuWF.....1:00pm- 1:50pm (JMZ 0204) STAFF
0701 MTuWF.....2:00pm- 2:50pm (JMZ 0204) STAFF
0801 MWF.....9:00am- 9:50am (JMZ 1122) STAFF
Tu.....9:00am- 9:50am (JMZ 1224)
0901 MWF.....11:00am-11:50am (JMZ 3205) STAFF
Tu.....11:00am-11:50am (JMZ 2122)
1001 MWF.....10:00am-10:50am (JMZ 0202) STAFF
Tu.....10:00am-10:50am (JMZ 0208)

GERM102 Elementary German II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0201 MWF.....9:00am- 9:50am (JMZ 1226) STAFF
Th.....9:00am- 9:50am (JMZ 0204)
0301 MWF.....10:00am-10:50am (JMZ 1122) STAFF
Th.....10:00am-10:50am (JMZ 0204)
0401 MWF.....11:00am-11:50am (JMZ 1122) STAFF
Th.....11:00am-11:50am (JMZ 0204)
0601 MWF.....1:00pm- 1:50pm (JMZ 1122) STAFF
Th.....1:00pm- 1:50pm (JMZ 2207)

GERM103 Review of Elementary German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 3205) STAFF
Tu.....9:00am- 9:50am (JMZ 0118)
0201 MWF.....9:00am- 9:50am (JMZ 3203) STAFF
Tu.....9:00am- 9:50am (JMZ 1109)

GERM104 Intermediate German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 0120) STAFF
Th.....9:00am- 9:50am (JMZ 0103)
0201 MWF.....10:00am-10:50am (EGR 1124) STAFF
Th.....10:00am-10:50am (JMZ 1117)
0301 MWF.....11:00am-11:50am (JMZ 2117) STAFF
Th.....11:00am-11:50am (JMZ 2122)

GERM104H Intermediate German; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; For students considering an honors major in German. Students will receive extra individualized supervision. Prerequisite: Grade of A or B in GERM 102 or 103. — 4 credits
0101 MWThF.....10:00am-10:50am (JMZ 3207) STAFF

GERM141 Elementary Yiddish I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0202) Bilik, D

GERM165 Elementary Swedish I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3207) Oster, R

GERM211 Intermediate German Conversation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1104) STAFF
0201 MWF.....10:00am-10:50am (JMZ 1124) Pfister, G

GERM220 Introduction to German Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....10:00am-10:50am (HJP 1229) Beicken, P

GERM280 German-American Cultural Contrast; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3203) Pfister, G

GERM281 Women in German Literature and Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0204) Frederiksen, E

GERM282 Germanic Mythology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2206) Fleck, J

GERM301 Conversation and Composition I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1211) Strauch, G
0201 MWF.....10:00am-10:50am (JMZ 3205) Oster, R

GERM302 Conversation and Composition II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3203) Fagan, S

GERM311 Intermediate Composition I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3207) Beicken, P

GERM321 Highlights of German Literature I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3203) Strauch, G

GERM349A Yiddish Literature in Translation: Yiddish Culture - The Holocaust in Film and Literature; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MW.....2:00pm- 4:00pm (HJP 0226) Bilik, D

GERM369 Scandinavian Literature in Translation: Masterpieces of Scandinavian Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....1:00pm- 3:30pm (JMZ 2102) Oster, R

GERM381 German Civilization I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3205) Herin, C

GERM389C Topics in Germanic Culture: The Ancient Celts; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3205) Fleck, J

GERM397H (PermReq) Honors Reading (Independent Study); Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Students must have instructor's permission before registering. — 3 credits

GERM401 Advanced Conversation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3203) Frederiksen, E

GERM403 Advanced Composition; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3203) Herin, C

GERM419A Selected Topics in German Language Study: German Phonetics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3207) Fagan, S

GERM419P Selected Topics in German Language Study: Practicum in Translation for International Diplomacy; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 9/2/87 at 3 PM in Jimenez 4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. — 3 credits
0101 Time and room to be arranged STAFF

GERM431 Romanticism and Biedermeier; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1211) Beicken, P

GERM479L Selected Topics in Germanic Philology: Historical Linguistics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3205) Fleck, J

GERM499 (PermReq) Directed Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM499C Directed Study: Using the Micro-Computer as a Translation Workstation; Grade Method: REG/AUD; For students who lack computer skills but want to take FOLA 419. Students must attend an organizational meeting on 9/3/87 at 3pm in Jimenez 4120 ; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. — 1 credit
0101 Meets 09/02/87 - 09/29/87 Pulgram-Fleck,
TBA (JMZ 4120)

GERM499Y Directed Study: Yiddish Readings; Grade Method: REG/AUD; — 3 credits
0101 W.....12:00pm-12:50pm (JMZ 1211) Bilik, D
Time and room to be arranged DIS

GERM620 Methods and Concepts of Germanic Studies; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:00pm- 7:30pm (JMZ 3207) Best, O

GERM798 (PermReq) Master's Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

0101: Beicken, Peter 0201: Best, Otto
0301: Bilik, Dorothy 0401: Fagan, Sarah
0501: Fleck, Jere 0601: Frederiksen, Elke
0701: Herin, Christoph 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Strauch, Gabriele 1101: Brecht, Richard

GERM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GERM818 Seminar: The Middle Ages: Kreuzzugsepik und -Lyrik; Grade Method: REG/AUD; — 3 credits
0101 W.....5:00pm- 7:30pm (JMZ 3207)* Strauch, G

GERM819 Seminar: The 16th and 17th Centuries: Opitz-Gryphius; Grade Method: REG/AUD; — 3 credits
0101 Tu.....5:00pm- 7:30pm (JMZ 3207) Herin, C

GERM838 Seminar: The 20th Century: Women since 1945; Grade Method: REG/AUD; — 3 credits
0101 M.....5:00pm- 7:30pm (JMZ 3207) Frederiksen, E

GERM838Z Seminar: The 20th Century Brecht: A Master Class; Grade Method: REG/AUD; — credits
0101 W.....4:00pm- 6:30pm (TWS 0241) Bentley, E

GERM839 Seminar: Special Topics: Modernity and Fragmented Thought; Grade Method: REG/AUD; — 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 4223) Heyndels, R

GERM898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

GREK Greek (Arts and Humanities)

GREK101 Elementary Greek; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Classical and New Testament Greek. For modern Greek, see FOLA. — 3 credits
0101 MWF.....9:00am- 9:50am (HBK 1116) Hubbe, R
0201 MWF.....1:00pm- 1:50pm (JMZ 2117) Hubbe, R

GREK203 Intermediate Greek (Grammar and Reading); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....10:00am-10:50am (HBK 1116) Hubbe, R

GREK353 Herodotus; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged Stehle, E

GREK488 (PermReq) Independent Study in Greek Language and Literature; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

The following courses in classics have been placed under the CLAS prefix: GREK 290: Greek and Latin Medical Terminology, GREK 309: Special Topics Greek Literature, GREK 370:Greek Literature in Translation. Students seeking information on these courses should consult the Schedule of Classes under CLAS.

GREK699 (PermReq) Independent Study in Greek Literature; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

---

GVPT Government and Politics (Behavior & Social Sci)

GVPT100 Principles of Government and Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (ARC 0204) Parker, P
0201 TuTh.....11:00am-12:15pm (LEF 2205) Oppenheimer, J

GVPT100H	Principles of Government and Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;		3 credits
0101	Tu.....12:30pm- 3:15pm (LEF 2123)	Elkin, S	
0201	Th.....12:30pm- 3:15pm (LEF 2123)	Elkin, S	
GVPT170	American Government; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;		3 credits
0101	MWF.....11:00am-11:50am (ARM 0126)	Lehr, V	
0201	MWF.....1:00pm- 1:50pm (LEF 2205)	Mason, L	
0301	TuTh.....9:30am-10:45am (ARM 0126)	Edwards, P	
0401	TuTh.....12:30pm- 1:45pm (LEF 2205)	Colella, C	
GVPT210	Introduction to Public Administration and Policy; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....10:00am-10:50am (TYD 1101)	Swaine, K	
0201	TuTh.....9:30am-10:45am (TYD 1101)	Vietri, L	
GVPT220	Introduction to Political Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;		3 credits
0101	TuTh.....11:00am-12:15pm (TLF 0101)	Soltan, K	
GVPT231	Law and Society; Grade Method: REG/P-F/AUD; See "What's New and Interesting."		3 credits
0101	MWF.....10:00am-10:50am (LEF 2166)	McIntosh, W	
0201	MWF.....10:00am-10:50am (JMZ 0105)	Parker, P	
GVPT240	Political Ideologies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;		3 credits
0101	MWF.....9:00am- 9:50am (LEF 2166)	Lehr, V	
0201	TuTh.....9:30am-10:45am (ASY 1213)	Burack, C	
GVPT260	State and Local Government; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....8:00am- 9:15am (TYD 0117)	Glendening, P	
GVPT280	Comparative Politics and Governments; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....12:00pm-12:50pm (TYD 1102)	Racioppi, L	
GVPT282	The Government and Politics of the Third World; Grade Method: REG/P-F/AUD; See "What's New and Interesting."		3 credits
0101	MWF.....1:00pm- 1:50pm (LEF 2208)	Lanning, E	
GVPT300	International Political Relations; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;		3 credits
0101	MWF.....9:00am- 9:50am (TYD 1101)	Marolda, G	
0201	MWF.....11:00am-11:50am (TYD 1102)	Breckinridge, R	
0301	TuTh.....11:00am-12:15pm (TYD 1102)	Phillips, W	
0401	W.....6:30pm- 9:15pm (TYD 1101)	Bodie, T	
GVPT376A	Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Capitol Hill Interns.		6 credits
0101	Time and room to be arranged	Lanning, E	
GVPT376B	Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Administrative Interns.		6 credits
0101	Time and room to be arranged	Vietri, L	
GVPT377A	Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Capitol Hill Interns.		3 credits
0101	W.....3:30pm- 6:15pm (LEF 2138H)	Lanning, E	
GVPT377B	Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Administrative Interns.		3 credits
0101	W.....3:30pm- 6:15pm (LEF 2123)	Vietri, L	
GVPT386	Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
GVPT387	Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
GVPT388	Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies.		3 credits
GVPT391H	Honors Seminar in Comparative Government and International Relations; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....2:00pm- 3:15pm (LEF 2138H)	Kaminski, B	
GVPT396 (PermReq)	Introduction to Political Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		3 credits
GVPT397 (PermReq)	Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		3 credits
GVPT399A	Seminar in Government and Politics: Democracy and Effectiveness in International Relations; Grade Method: REG/P-F/AUD; See "What's New and Interesting."		3 credits
0101	M.....2:00pm- 4:45pm (LEF 2138H)	Heisler, M	
GVPT399B	Seminar in Government and Politics: Chinese Foreign Policy; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....9:30am-10:45am (LEF 1222)	Hsueh, C	
GVPT399C (PermReq)	Seminar in Government and Politics: Diplomatic Communication and Translation; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....12:00pm-12:50pm (LEF 2138H)	Wilkenfeld, J	
GVPT401	Problems of World Politics; Grade Method: REG/P-F/AUD; See "What's New and Interesting."		3 credits
0101	TuTh.....12:30pm- 1:45pm (TYD 1101)	Hsueh, C	
GVPT402	International Law; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....11:00am-11:50am (LEF 2166)	Piper, D	
GVPT405	Defense Policy and Arms Control; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; See "What's New and Interesting."		3 credits
0101	TuTh.....9:30am-10:45am (LEF 2166)	Quester, G	
GVPT411	Public Personnel Administration; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....11:00am-12:15pm (JMZ 0105)	Ranald, R	
GVPT427	Political Sociology; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....10:00am-10:50am (TLF 0101)	Mason, L	
GVPT431	Introduction to Constitutional Law; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....9:00am- 9:50am (LEF 2208)	McCarrick, E	
GVPT432	Civil Rights and the Constitution; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; See "What's New and Interesting."		3 credits
0101	TuTh.....9:30am-10:45am (TYD 1102)	Claude, R	
GVPT433	The Judicial Process; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....12:00pm-12:50pm (LEF 2166)	McIntosh, W	
GVPT436	The Legal Status of Women; Grade Method: REG/P-F/AUD; See "What's New and Interesting."		3 credits
0101	MWF.....11:00am-11:50am (LEF 1201)	McCarrick, E	
GVPT441	History of Political Theory: Ancient and Medieval; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement;		3 credits
0101	TuTh.....12:30pm- 1:45pm (LEF 2166)	Butterworth, C	
GVPT442	History of Political Theory--Medieval to Recent; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement;		3 credits
0201	TuTh.....11:00am-12:15pm (PHY 1410)	Terchek, R	
GVPT443	Contemporary Political Theory; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement;		3 credits
0101	MWF.....1:00pm- 1:50pm (ASY 1213)	Glass, J	
GVPT450	Comparative Study of Foreign Policy Formation; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....12:00pm-12:50pm (LEF 2208)	STAFF	
GVPT451	Foreign Policy of the U.S.S.R.; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....12:30pm- 1:45pm (TYD 1102)	Dawisha, K	
GVPT457	American Foreign Relations; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; See "What's New and Interesting."		3 credits
0101	MWF.....1:00pm- 1:50pm (LEF 2166)	McNelly, T	
0201	TuTh.....11:00am-12:15pm (LEF 2166)	Bobrow, D	
GVPT462	Urban Politics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;		3 credits
0101	TuTh.....12:30pm- 1:45pm (ARM 0116)	Reeves, M	
GVPT473	Legislatures and Legislation; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....11:00am-11:50am (TYD 1101)	Uslaner, E	
GVPT474	Political Parties; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....2:00pm- 3:15pm (LEF 1221)	Conway, M	
GVPT475	The Presidency and the Executive Branch; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....9:30am-10:45am (ARC 1105)	Davidson, R	
GVPT479A	Problems of American Public Policy: Politics of the Vietnam War; Grade Method: REG/P-F/AUD;		3 credits
0101	Tu.....2:00pm- 4:45pm (HBK 4205)	Vietri, L	
GVPT481	Government and Administration of the Soviet Union; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....10:00am-10:50am (LEF 2138H)	Prizzell, I	
GVPT485	Government and Politics of the Middle East; Grade Method: REG/P-F/AUD;		3 credits
0101	Th.....2:00pm- 4:45pm (HBK 0117)	Azar, E	
GVPT622	Quantitative Methods For Political Science; Grade Method: REG/AUD;		3 credits
0101	Tu.....6:30pm- 9:15pm (LEF 2208)	Wiley, S	
GVPT707	Functional Problems in International Relations: Comparative Systems; Grade Method: REG/AUD;		3 credits
0101	W.....6:30pm- 9:15pm (LEF 2123)	Heisler, M	
GVPT708	Seminar in International Relations Theory: Basic Field Seminar for Graduate Students; Grade Method: REG/AUD;		3 credits
0101	Th.....3:30pm- 6:15pm (LEF 2176)	Phillips, W	
GVPT730	Methods of Formal Political Theory; Grade Method: REG/AUD;		3 credits
0101	Th.....7:00pm- 9:45pm (LEF 2123)	Oppenheimer, J	
GVPT741	Political Theory; Grade Method: REG/AUD; See "What's New and Interesting."		3 credits
0101	M.....6:30pm- 9:15pm (LEF 2155)	Glass, J	
GVPT750	Policy Evaluation; Grade Method: REG/AUD; See "What's New and Interesting."		3 credits
0101	Tu.....3:30pm- 6:15pm (LEF 2123)	Bobrow, D	
GVPT770	Seminar in American Political Institutions; Grade Method: REG/AUD; See "What's New and Interesting."		3 credits
0101	W.....6:30pm- 9:15pm (LEF 2138H)	Uslaner, E	
GVPT799 (PermReq)	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-6 credits
GVPT808A	Selected Topics in Functional Problems in International Relations: Legal Regulation of the Use of Armed Force; Grade Method: REG/AUD;		3 credits
0101	M.....7:00pm- 9:45pm (LEF 2123)	Piper, D	
GVPT808B	Selected Topics in Functional Problems in International Relations: International Political Economy; Grade Method: REG/AUD;		3 credits
0101	Th.....6:30pm- 9:15pm (LEF 2138H)	Kaminski, B	
GVPT812	Seminar in Public Financial Administration; Grade Method: REG/AUD;		3 credits
0101	Th.....7:00pm- 9:45pm (LEF 1222)	Ranald, R	
GVPT828	Selected Problems in Political Behavior: The State and Economy; Grade Method: REG/AUD;		3 credits
0101	Tu.....7:00pm- 9:45pm (LEF 2138H)	Soltan, K	
GVPT841	Great Political Thinkers; Grade Method: REG/AUD;		3 credits
0101	Th.....7:00pm- 9:45pm (LEF 2155)	Butterworth, C	
GVPT846	Theories of Democracy; Grade Method: REG/AUD;		3 credits
0101	Tu.....7:00pm- 9:45pm (LEF 2176)	Terchek, R	
GVPT862	Seminar On Intergovernmental Relations; Grade Method: REG/AUD;		3 credits
0101	Tu.....6:30pm- 9:15pm (LEF 2155)	Reeves, M	
GVPT871	Seminar in Public Law; Grade Method: REG/AUD;		3 credits
0101	Tu.....6:30pm- 9:15pm (LEF 2123)	Claude, R	
GVPT878A	Problems in American Government and Politics: Problems in Governing at the Federal Level; Grade Method: REG/AUD;		3 credits
0101	Th.....6:30pm- 9:00pm (LEF 2176)	Conway, M	
GVPT878B	Problems in American Government and Politics: Legislative/Executive Relations; Grade Method: REG/AUD;		3 credits
0101	Tu.....6:30pm- 9:15pm (LEF 0135)	Davidson, R	
GVPT883	Comparative Governmental Institutions: Asia; Grade Method: REG/AUD;		3 credits
0101	W.....6:30pm- 9:15pm (LEF 2176)	McNelly, T	
GVPT889E	Selected Topics in Area Problems in International Relations: Soviet Policy in the Third World; Grade Method: REG/AUD;		3 credits
0101	Th.....3:30pm- 6:15pm (LEF 2123)	Dawisha, K	
GVPT898 (PermReq)	Readings in Government and Politics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of director of graduate studies.		3 credits
GVPT899 (PermReq)	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-8 credits

---

HEBR Hebrew (Arts and Humanities)

Students who have no knowledge of Hebrew should register for HEBR 111. Students who have studied Hebrew elsewhere are required to consult Mrs. Liberman for courses HEBR 211 and 212 or consult Professor Mintz on questions of placement above the HEBR 212 level.

HEBR111	Elementary Hebrew I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; For beginners. This course meets six hours per week for 6 credits.		6 credits
0101	MWF.....9:00am-11:00am (JMZ 2117)	Liberman, E	
0201	MWF.....9:00am-11:00am (HZF 1102)	Levy, N	
0301	MWF.....9:00am-11:00am (HZF 1106)	Peleg, C	
0401	MWF.....9:00am-11:00am (HZF 1101)	STAFF	
HEBR211	Intermediate Hebrew I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement;		6 credits
0101	MWF.....11:00am- 1:00pm (JMZ 0120)	Liberman, E	
HEBR231	Jewish Literature in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;		3 credits
0101	Tu.....7:00pm- 9:30pm (JMZ 2206)	Mintz, A	
HEBR313	Conversation and Composition I; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....12:00pm-12:50pm (JMZ 1123)	Levy, N	
HEBR381	Advanced Conversation and Composition; Grade Method: REG/P-F/AUD;		3 credits
0101	W.....2:00pm- 4:30pm (JMZ 0202)	Mintz, A	
HEBR386	Field Work; Grade Method: REG/P-F/AUD;		1-3 credits
0101	Time and room to be arranged	Liberman, E	
HEBR387	Field Work Analysis; Grade Method: REG/P-F/AUD;		1-3 credits
0101	Time and room to be arranged	Liberman, E	
HEBR442	Classical Hebrew Literature; Grade Method: REG; Prerequisite: HEBR 212 or equivalent.		3 credits
0101	TuTh.....12:30pm- 1:45pm (JMZ 2123)	Berlin, A	
HEBR498I (PermReq)	Special Topics in Hebrew; Grade Method: REG;		3 credits
0101	Time and room to be arranged	Mintz, A	
HEBR498R	Special Topics in Hebrew: Reconstructing Ancient Civilizations - The Case of Mesopotamia; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement;		3 credits
0101	TuTh.....11:00am-12:15pm (JMZ 2206)	Oded, B	
HEBR498T	Special Topics in Hebrew: Translation Workshop; Grade Method: REG/P-F/AUD;		3 credits
0101	MW.....1:00pm- 2:30pm (JMZ 0120)	Liberman, E	

HESP Hearing and Speech Sciences (Behavior & Social Sci)

HESP120	Introduction to Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;		3 credits
0101	TuTh.....9:30am-10:45am (LEF 2208)	Ratner, N	
HESP202	Introduction to Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; Hearing and speech majors and non-majors. Course Chairman- McCall, Gerald.		3 credits
0101	MWF.....9:00am- 9:50am (LEF 2205)	STAFF	
HESP300	Introduction to Psycholinguistics; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....12:30pm- 1:45pm (LEF 1201)	Yeni-Komshian,	
HESP305	Anatomy and Physiology of the Speech Mechanism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Course Chairman- McCall, Gerald.		3 credit
0101	MWF.....11:00am-11:50am (LEF 2208)	STAFF	
HESP386 (PermReq)	Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
HESP387 (PermReq)	Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
HESP400	Speech and Language Development in Children; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....11:00am-12:15pm (LEF 1201)	Roth, F	
HESP406	Speech Pathology III; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....2:00pm- 2:50pm (LEF 1201)	Dingwall, W	
HESP407	Bases of Hearing Science; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....9:30am-10:45am (LEF 1201)	STAFF	
HESP411	Introduction to Audiology; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....10:00am-10:50am (LEF 1201)	Baker, D	
HESP417	Principles and Methods in Speech-Language Pathology and Audiology; Grade Method: REG/P-F/AUD;		3 credits
0101	MF.....1:00pm- 1:50pm (LEF 1201) W.....12:00pm- 1:50pm (LEF 1208)	McCabe, M	
HESP498	Seminar: Sign Language for the Professional; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....8:00am- 9:15am (LEF 0135)	Jensema, C	
HESP499 (PermReq)	Independent Study: Topics in the Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
HESP606	Basic Hearing Measurements; Grade Method: REG/AUD;		3 credits
0101	F.....1:00pm- 3:30pm (LEF 0135)	Gordon-Salant,	
HESP616	Language Disorders of Children; Grade Method: REG/AUD;		3 credits
0101	M.....1:00pm- 3:30pm (LEF 0135)	Roth, F	
HESP622	Neuromotor Disorders of Speech; Grade Method: REG/AUD;		3 credits
0101	Tu.....1:00pm- 3:30pm (LEF 0135)	Dingwall, W	
HESP624	Voice Disorders; Grade Method: REG/AUD;		3 credits
0101	Th.....1:00pm- 3:30pm (LEF 0135)	McCall, G	
HESP630	Electrophysiological Measurements; Grade Method: REG/AUD;		3 credits
0101	W.....3:30pm- 6:00pm (LEF 0135)	Baker, D	
HESP638 (PermReq)	Minor Research Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
HESP639	Special Topics in Hearing and Speech Sciences: Instrumentation In Hearing And Speech Science; Grade Method: REG/AUD;		3 credits
0101	M.....3:30pm- 6:00pm (LEF 0135)	STAFF	
HESP648A	Clinical Practice in Speech: Diagnostic Procedures; Grade Method: REG/AUD; Course chairman - Roth, Froma.		1-3 credits
0101	Time and room to be arranged	Patrick, S	
HESP648B	Clinical Practice in Speech: Rehabilitation Procedures; Grade Method: REG/AUD; Course chairman - Roth.		1-3 credits
0101	F.....12:00pm- 1:00pm (LEF 0135)	Patrick, S	
0102	F.....12:00pm- 1:00pm (LEF 0135)	STAFF	
0103	F.....12:00pm- 1:00pm (LEF 0135)	STAFF	
0104	F.....12:00pm- 1:00pm (LEF 0135)	STAFF	
HESP649A	Clinical Practice in Audiology: Diagnostic Audiology; Grade Method: REG/AUD; Course chairman - Gordon-Salant.		1-3 credits
0101	Time and room to be arranged	McCabe, M	
0201	Time and room to be arranged	STAFF	
HESP649B	Clinical Practice in Audiology: Aural Rehabilitation; Grade Method: REG/AUD; Course chairman - Gordon-Salant.		1-3 credits
0101	Time and room to be arranged	STAFF	
HESP702	Diagnostic Procedures in Speech Pathology; Grade Method: REG/AUD;		3 credits
0101	W.....1:00pm- 3:30pm (LEF 0135)	Ratner, N	
HESP706	Advanced Clinical Audiology; Grade Method: REG/AUD;		3 credits
0101	W.....1:00pm- 3:30pm (LEF 0104A)	Gordon-Salant,	
HESP708 (PermReq)	Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-6 credits
HESP728	Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; Grade Method: REG/AUD;		1-8 credits
0101	Time and room to be arranged	Patrick, S	
HESP729	Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; Grade Method: REG/AUD;		1-8 credits

0101 Time and room to be arranged — McCabe, M

#ESP799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

#ESP878 (PermReq) Seminar in Language Disorders: Seminar In Language Disorders; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:00pm (LEF 0135) — STAFF

#ESP899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

#HISP Historic Preservation (Architecture)

#HISP600 Seminar in Historic Preservation; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:00pm (KEY 1118) — Flack, J
Time and room to be arranged DIS

HIST History (Arts and Humanities)

HIST101 Great Ideas, Events and Personalities in History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at the first lecture. — 3 credits
0101 TuTh.....12:00pm-12:50pm (KEY 0106) — Matossian, M

HIST105 The Jewish Experience; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0116) — Rozenblit, M

HIST130 The Ancient World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....11:00am-11:50am (KEY 0106) — Holum, K
Time and room to be arranged DIS

HIST131 The Medieval World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 TuTh.....10:00am-10:50am (KEY 0106) — Bedos-Rezak, B
Time and room to be arranged DIS

HIST131H The Medieval World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 Tu.....2:00pm- 4:00pm (JMZ 1123) — Bedos-Rezak, B
Time and room to be arranged DIS

HIST132 The Rise of the West: 1500--1789; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0103) — Williams, W
Time and room to be arranged DIS

HIST133 Modern Europe: 1789 - Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0102) — Yaney, G
Time and room to be arranged DIS
0201 TuTh.....9:00am- 9:50am (KEY 0102) — Harris, J
Time and room to be arranged DIS

HIST144 The Humanities I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....9:00am- 9:50am (KEY 1117) — Majeska, G
Time and room to be arranged DIS

HIST156 History of the United States to 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 MW.....2:00pm- 2:50pm (KEY 0106) — McCusker, J
Time and room to be arranged DIS
0201 TuTh.....11:00am-11:50am (KEY 0106) — Smith, E
Time and room to be arranged DIS
0301 MW.....10:00am-10:50am (KEY 0106) — Farrell, R
Time and room to be arranged DIS
0401 TuTh.....9:00am- 9:50am (KEY 0106) — Smith, C
Time and room to be arranged DIS
0501 TuTh.....1:00pm- 1:50pm (KEY 0106) — Smith, C
Time and room to be arranged DIS

HIST157 History of the United States Since 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 MW.....11:00am-11:50am (KEY 0103) — Moss Jr., A
Time and room to be arranged DIS
0201 MW.....9:00am- 9:50am (KEY 0116) — Ridgway, W
Time and room to be arranged DIS
0301 TuTh.....10:00am-10:50am (KEY 0102) — Hagen, J
Time and room to be arranged DIS
0401 TuTh.....1:00pm- 1:50pm (KEY 0102) — Hagen, J
Time and room to be arranged DIS
0501 TuTh.....12:00pm-12:50pm (KEY 0102) — STAFF
Time and room to be arranged DIS

HIST180 The Chinese World; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0116) — Folsom, K

HIST201 Science and Technology in World History: Space/Time/Man/Woman; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....9:00am- 9:50am (KEY 0106) — Friedel, R
Time and room to be arranged DIS

HIST210 Women in America to 1880; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 MW.....11:00am-11:50am (KEY 1117) — Gullickson, G
Time and room to be arranged DIS

HIST219B Special Topics in History: Military History in Films; Grade Method: REG/P-F/AUD; — 3 credits
0201 M.....3:00pm- 5:00pm (KEY 0106) — Sumida, J
W.....3:00pm- 6:00pm (KEY 0106) DIS

HIST219C Special Topics in History: History of the Family; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0107) — Matossian, M

HIST224 Modern Military History, 1494-1815; Grade Method: REG/P-F/AUD; Discussion sections will be assigned at first lecture. — 3 credits
0101 MWF.....10:00am-10:50am (KEY 0126) — Sumida, J

HIST234 History of Britain to 1485; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 MW.....10:00am-10:50am (KEY 0102) — Cockburn, J
Time and room to be arranged DIS

HIST236 History of Britain 1688 to Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section assigned at first lecture. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0102) — Tabili, L
Time and room to be arranged DIS

HIST237 Russian Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussions will be assigned during first lecture. — 3 credits
0101 MW.....11:00am-11:50am (KEY 0102) — Majeska, G
Time and room to be arranged DIS

#HIST250 Latin American History I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 0126) — Warren, J

#HIST255 Afro-American History; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 0121) — Moss Jr., A

HIST275 Law and Constitutionalism in American History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 1117) — Henretta, J

HIST280 Islamic Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned during the first class session. — 3 credits
0101 MW.....10:00am-10:50am (KEY 0103) — Zilfi, M
Time and room to be arranged DIS

HIST282 History of the Jewish People I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....10:00am-10:50am (KEY 1117) — Goodblatt, D
Time and room to be arranged DIS

HIST284 East Asian Civilization I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0126) — Mayo, M

HIST290 African Civilization; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0126) — Perinbam, B

HIST309B Proseminar in Historical Writing: Tudor - Stuart England; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....3:00pm- 5:00pm (KEY 0107) — Breslow, M
Time and room to be arranged DIS

#HIST309C Proseminar in Historical Writing: 20th Century U.S. Religious History; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:00pm- 4:00pm (TLF 0108) — Moss Jr., A
Time and room to be arranged DIS

HIST309D Proseminar in Historical Writing: Jewish History: The Transition To Modernity; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (LEF 1210) — Rozenblit, M
Time and room to be arranged DIS

HIST309E Proseminar in Historical Writing: The Pacific War and The Allied Occupation of Japan 1941-1952; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:00pm- 4:00pm (KEY 0107) — Mayo, M
Time and room to be arranged DIS

HIST309F Proseminar in Historical Writing: Economic Finance: The Military in European History; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....1:00pm- 3:00pm (LEF 1210) — Sumida, J
Time and room to be arranged DIS

HIST309I Proseminar in Historical Writing: The Peloponnesian Wars; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 4:00pm (LEF 1208) — Eckstein, A
Time and room to be arranged DIS

HIST309K Proseminar in Historical Writing: Early National Period (1780-1860); Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:00pm- 6:00pm (KEY 0120) — Ridgway, W
Time and room to be arranged DIS

HIST309L Proseminar in Historical Writing: Early Modern European History; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....1:00pm- 3:00pm (ARM 0105) — Williams, W
Time and room to be arranged DIS

HIST309M Proseminar in Historical Writing: Modern European History; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....9:00am-11:00am (KEY 0107) — Matossian, M
Time and room to be arranged DIS

HIST312A Crisis and Change in the United States: The Changing Urban Scene; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0102) — Flack, J

HIST313A Crisis and Change in European Society: Freedom and Authority; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 1117) — Eckstein, A

HIST316A Crisis and Change in Latin America: Slavery and Race Relations in Latin America; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0103) — Wright, W

HIST319A Special Topics in History: Historical Background of New Testament; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....1:00pm- 3:00pm (KEY 2119) — Goodblatt, D
Time and room to be arranged LAB

HIST319B Special Topics in History: Egypt: A History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0124) — Stowasser, K

HIST319C Special Topics in History: Culture and Religion in England; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....1:00pm- 2:15pm (KEY 1118) — Breslow, M

HIST324 Classical Greece; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 0103) — Holum, K

HIST326 The Roman Republic; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 1117) — Eckstein, A

HIST330 Medieval Civilization I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0121) — Bedos-Rezak, B

HIST332 Europe During the Renaissance and Reformation I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0121) — STAFF

HIST334 The Age of Absolutism, 1600-1715; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (KEY 0124) — Williams, W

HIST336 Europe in the 19th Century, 1815-1919; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0126) — Sutherland, D

HIST342 Fascism: Theory and Practice; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0124) — Harris, J

HIST344 The Russian Revolutions of 1917; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0103) — Yaney, G

HIST351 Social History of Washington, D.C.; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0116) — Flack, J

HIST360 American Colonial History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0121) — Olson, A

HIST362 The Formative Period in America, 1789-1824; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0116) — Ridgway, W

HIST363 The Middle Period of American History, 1824-1860; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (KEY 0124) — Grimsted, D

HIST365 The Progressive Period: the United States, 1896-1919; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0126) — Smead, H

HIST367 The United States Since World War II; Grade Method: REG/P-F/AUD; Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0106) — Olson, K

HIST374 Modern Jewish History I: the Road to Emancipation, 1650-1870; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0116) — Rozenblit, M

HIST390 Middle East I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0126) — Stowasser, K

HIST392 History of the Contemporary Middle East; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (KEY 0116) — Zilfi, M

HIST395 Honors Colloquium I; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:15pm- 4:00pm (KEY 1118) — Grimsted, D
Time and room to be arranged DIS

HIST398 Honors Thesis; Grade Method: REG/P-F/AUD; See Director of History Honors program during first week of classes. — 3 credits
0101 Time and room to be arranged — Olson, A

HIST400 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HIST401 The Scientific Revolution: From Copernicus to Newton; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MWF.....2:00pm- 2:50pm (SYM 0200) — Brush, S

HIST407 History of Technology; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 1117) — Friedel, R

HIST414 History of European Ideas I; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....1:00pm- 3:00pm (KEY 2119) — Haber, F
Time and room to be arranged DIS

HIST419B Special Topics in History: Women In Africa; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....2:00pm- 4:00pm (KEY 1118) — Perinbam, B
Time and room to be arranged DIS

HIST419C Special Topics in History: Colonial Africa; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 1118) — Perinbam, B

HIST419D Special Topics in History: Historic Preservation in the Local Area; Grade Method: REG/P-F/AUD; — 3 credits
0401 W.....1:00pm- 3:00pm (KEY 0107) — Flack, J
Time and room to be arranged DIS

HIST427 Age of Decline: Britain 1914 to Present; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0117) — Tabili, L

HIST430 Tudor England; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (KEY 0116) — Breslow, M

HIST440 Germany in the Nineteenth Century, 1815-1914; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0103) — Kent, G

HIST452 Diplomatic History of the United States to 1898; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-11:50am (KEY 0124) — Cole, W
F.....11:00am-11:50am (KEY 2119) DIS

HIST456 History of Ideas in America to 1865; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0124) — Grimsted, D

HIST462 The Civil War; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 1117) — Smith, E

HIST463 History of the Old South; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0121) — Callcott, G

HIST471 History of Brazil; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0124) — Wright, W

HIST474 History of Mexico and Central America I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0121) — Warren, J

HIST480 History of Traditional China; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0116) — Folsom, K

HIST482 History of Japan to 1800; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0126) — Mayo, M

HIST491 History of the Ottoman Empire; Grade Method: REG/P-F/AUD; Previous coursework in Middle Eastern History required. — 3 credits
0101 W.....2:00pm- 4:00pm (TLF 0108) — Zilfi, M
Time and room to be arranged DIS

HIST600 Historiography; Grade Method: REG/AUD; — 3 credits
0101 W.....3:00pm- 5:00pm (KEY 2119) — Haber, F
Time and room to be arranged DIS

HIST602 General Seminar: American History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 2119) — Cole, W
Time and room to be arranged DIS

HIST603 General Seminar: European History; Grade Method: REG/AUD; — 3 credits
0101 M.....5:00pm- 7:00pm (KEY 2119) — Sutherland, D
Time and room to be arranged DIS

HIST605 The Teaching of History in Institutions of Higher Learning; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Farrell, R

HIST619A Special Topics in History: Readings in Roman History: Late Antiquity; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (KEY 1118) — Holum, K
Time and room to be arranged DIS

HIST619B (PermReq) Special Topics in History: Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HIST619C Special Topics in History: Readings in European Social and Cultural History; Grade Method: REG/AUD; — 3 credits
0301 M.....4:00pm- 6:00pm (KEY 0120) — Gullickson, G
Time and room to be arranged DIS

HIST628 Readings in Colonial American History; Grade Method: REG/AUD; — 3 credits
0101 W.....5:00pm- 7:00pm (KEY 2119) — McCusker, J
Time and room to be arranged DIS

HIST658 Readings in American Constitutional History; Grade Method: REG/AUD; Readings will include both legal and constitutional history. — 3 credits
0101 Th.....3:00pm- 5:00pm (KEY 2119) — Henretta, J
Time and room to be arranged DIS

HIST668 Readings in American Social History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 1118) — Berlin, I
Time and room to be arranged DIS

HIST689 Readings in Southern History; Grade Method: REG/AUD; — 3 credits
0101 M.....3:00pm- 5:00pm (KEY 2119) — Callcott, G
Time and room to be arranged DIS

HIST729 Readings in Modern European History; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 0107) — Harris, J
Time and room to be arranged DIS

HIST749 Readings in German History, 1815 to the Present; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0107) — Kent, G
Time and room to be arranged DIS

HIST759 Readings in Russian History; Grade Method: REG/AUD; — 3 credits

0101 W.....5:00pm- 7:00pm (TLF 0108) Majeska, G
Time and room to be arranged DIS

HIST779 Readings in Middle Eastern History; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Stowasser, K

HIST799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HIST808 Seminar in the History of Science and Technology; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 7:00pm (KEY 0107) Friedel, R
Time and room to be arranged DIS

HIST809 Seminar in the History of Women; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (KEY 0119) Gullickson, G
Time and room to be arranged DIS

HIST818 Seminar in Historical Editing; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:00pm (KEY 0107) Brugger, R
Time and room to be arranged DIS

HIST850 Seminar in East European History; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:00pm (KEY 1118) Lampe, J
Time and room to be arranged DIS

HIST851 Seminar in German History; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Kent, G
Time and room to be arranged DIS

HIST861 Seminar in English Law and Government, 1550-1760; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:00pm (KEY 1118) Cockburn, J
Time and room to be arranged DIS

HIST879 Seminar in the American Revolution and Formative Period; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 2119) Hoffman, R
Time and room to be arranged DIS

HIST898 Seminar in Recent American History; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 1118) Olson, K
Time and room to be arranged DIS

HIST899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

HLTH Health (Phys Ed, Recr, & Health)

HLTH105 Science and Theory of Health; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....10:00am-10:50am (PRH 1303) Hyde, D

HLTH106 Drug Use and Abuse; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (PRH 1312) Thombs, D
0201 Tu.....7:00pm- 9:40pm (PRH 1312) Thomas, S
0301 Th.....7:00pm- 9:40pm (PRH 1312) Thomas, S
0401 Th.....4:15pm- 6:45pm (PRH 1312) Beck, K

HLTH140 Personal and Community Health; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (PRH 0308) Davis, D
0201 MWF.....11:00am-11:50am (PRH 0308) Collins, B
0301 TuTh.....12:30pm- 1:45pm (PRH 0308) Scaffa, M

HLTH150 First Aid and Emergency Medical Services; Grade Method: REG/P-F/AUD; 2 credits
0101 M.....8:00am- 9:40am (PRH 0302) Ramsey, S
0201 W.....8:00am- 9:40am (PRH 0302) Ramsey, S
0301 M.....10:00am-11:40am (PRH 0302) Ramsey, S
0401 Tu.....8:00am- 9:40am (PRH 0302) Mullen, S
0501 Th.....8:00am- 9:40am (PRH 0302) Mullen, S
0601 W.....10:00am-11:40am (PRH 0302) Ramsey, S

HLTH230 Introduction to Health Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (PRH 0303) Hyde, D

HLTH270 Safety Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (COL 0113) Baker, E
0201 MWF.....1:00pm- 1:50pm (COL 0113) Baker, E
0301 TuTh.....11:00am-12:15pm (COL 0113) STAFF

HLTH285 Controlling Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MW.....11:00am-12:15pm (PRH 1312) Schiraldi, G
0201 MW.....2:00pm- 3:15pm (PRH 1312) Schiraldi, G
0301 TuTh.....12:30pm- 1:45pm (PRH 1312) Allen, R
0401 Tu.....4:15pm- 6:45pm (PRH 1312) Allen, R
0501 W.....4:15pm- 6:45pm (PRH 1312) Greenberg, J

HLTH340 (PermReq) Curriculum, Instruction and Observation; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....12:00pm- 2:00pm (PRH 0302) Miller, C
Time and room to be arranged LAB

HLTH371 Communicating Safety and Health; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (COL 0113) Beck, K

HLTH377 Human Sexuality; Grade Method: REG/P-F/AUD; Students with credit in HLTH 477 not eligible. 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1312) Bentley, M
0201 W.....7:00pm- 9:45pm (PRH 1312) Sawyer, R

HLTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual instruction course: contact department or instructor to obtain section number. 1-3 credits

HLTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HLTH390 Organization and Administration of School Health Programs; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 0308) Hollander, R

HLTH450 Health of Children and Youth; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0308) Miller, C
0201 M.....3:00pm- 5:30pm (PRH 0302) Miller, C

HLTH471 Women's Health; Grade Method: REG/P-F/AUD; For junior and senior women. Others must have permission of instructor. 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 1302) Hollander, R

HLTH476 Death Education; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 1312) Fertziger, A

HLTH487 Adult Health and Developmental Program; Grade Method: REG/P-F/AUD; 3 credits
0101 Sa.....8:30am- 1:00pm (COL 0100) Leviton, D

HLTH489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH498A (PermReq) Special Topics in Health: Weight Control Practicum; Grade Method: REG/P-F/AUD; Limited to students who are atleast 20 lbs. overweight. 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 0302) Mann, P

HLTH498B Special Topics in Health: Health Related Issues in Eating and Fitness; Grade Method: REG/P-F/AUD; Co-instructor: Sheila A. Ramsey. 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0308) Mann, P

HLTH498C (PermReq) Special Topics in Health: Principles and Methods of Community Health Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MF.....1:00pm- 1:50pm (PRH 0308) McKay, R
W.....1:00pm- 4:00pm (PRH 0308) LAB

HLTH498E Special Topics in Health: Clinical Concepts of Emergency Health Care Management; Grade Method: REG; Co-instructors: Bodison, S. and Owen, M. 3 credits
0101 TuWTh.....2:00pm- 5:00pm (COL 0113) Clearwater, H

HLTH498F (PermReq) Special Topics in Health: Alcohol: Trends and Problems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 0113) Clearwater, H

HLTH498L Special Topics in Health: Health Care and the Family; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....2:00pm- 4:30pm (LEF 1222) Williams, M

HLTH498M Special Topics in Health: Microcomputer Applications in Health Education; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 1304) Gold, R

HLTH498S Special Topics in Health: Human Potentials; Grade Method: REG/P-F/AUD; Prerequisite: HLTH 285. 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1242A) Allen, R

HLTH498T (PermReq) Special Topics in Health: Ways of Knowing About Human Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: HLTH 285. Student must present instructor with unofficial transcript showing proof of taking HLTH 285. 3 credits
0101 M.....7:00pm-10:00pm (PRH 0308) Schiraldi, G

HLTH600 (PermReq) Seminar in Health; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1 credit

HLTH650 Health Problems in Guidance; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (PRH 0307) Everly, G

HLTH665 Health Behavior I; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0308) Feldman, R

HLTH688 (PermReq) Special Problems in Health Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH688G Special Problems in Health Education: Microcomputers in Health Education; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 1304) Gold, R

HLTH688K Special Problems in Health Education: Community Diagnosis; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (PRH 0303) McKay, R

HLTH688P Special Problems in Health Education: Professional Seminar; Grade Method: REG/AUD; 1 credit
0101 Meets 09/02/87 - 10/23/87 Gold, R
M.....4:15pm- 6:45pm (PRH 0308)

HLTH688Q (PermReq) Special Problems in Health Education: Psychophysiological Assessment; Grade Method: REG/AUD; 3 credits
0101 TBA (PRH 2305) Allen, R

HLTH710 Methods and Techniques of Research; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0301) Feldman, R

HLTH730 Problems in Weight Control; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 6:45pm (PRH 0307) Mann, P

HLTH780 Applied Principles of Health Education; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0308) Greenberg, J

HLTH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

HONR Honors (Undergraduate Studies)

All HONR courses are open to students enrolled in General Honors and/or departmental honors programs and to othe s by permission of the Director of General Honors. Detailed descriptions of General Honors seminars can be found in the course description brochure available in the Honor's Office, 0110 Hornbake Library, X2532. All Honors courses require approval prior to registration.

HONR118A (PermReq) Freshman Honors Colloquium: Cultural and Historical: Ways of Seeing; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 W.....12:00pm- 2:30pm (HBK 0108) DIS Howarth, J

HONR118B (PermReq) Freshman Honors Colloquium: Cultural and Historical: Contemporary American and Non-American Ways of Life: An Ethnographic Approach; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 Th.....4:00pm- 6:30pm (HBK 0123) DIS Tobin, M

HONR118C (PermReq) Freshman Honors Colloquium: Cultural and Historical: In Search of Ancient Astronomies; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 Th.....6:00pm- 9:00pm (HBK 0108) DIS Carlson, J

HONR128A (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Agriculture and the Expansion of Human Potential; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 Th.....3:00pm- 5:30pm (HBK 0108) DIS Young, E

HONR128B (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Image and Truth: A Workshop in the Communication of Mathematics; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 0123) DIS Rudolph, D

HONR138A (PermReq) Freshman Honors Colloquium: Literature and the Arts: The Journalist as a Storyteller; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 Th.....9:30am-12:00pm (HBK 0123) DIS Barkin, S

HONR138B (PermReq) Freshman Honors Colloquium: Literature and the Arts: The Mathematics of Music; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 M.....1:00pm- 3:30pm (HBK 0108) DIS Nahay, P

HONR148A (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: The Social Contract: Origins of Modern Political Theory; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MW.....11:00am-12:30pm (HBK 0123) DIS Maclean, D

HONR148B (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: The Educated Person: From Present to Past; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....7:00pm- 9:30pm (HBK 0108) DIS Splaine, P

HONR318A (PermReq) Honors Seminar: Cultural and Historical: Vietnam: America's Longest War; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 Tu.....6:00pm- 9:00pm (HBK 0123) DIS Straw, P

HONR318X (PermReq) Honors Seminar: Cultural and Historical: Human Nature; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; Restricted to students who are members of the Honors Learning Community. HLC students must also register for ANTH 101, ENGL 244 and ZOOL 212. 3 credits
0101 W.....2:00pm- 5:00pm (HBK 0123) DIS Singer, F

HONR328A (PermReq) Honors Seminar: Natural Sciences and Mathematics: Global Habitability; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 Tu.....2:00pm- 4:30pm (HBK 0123) DIS Kinter III, J

HONR328B (PermReq) Honors Seminar: Natural Sciences and Mathematics: What is Life?; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 Tu.....6:00pm- 8:30pm (HBK 0108) DIS Ponnamperuma, C

HONR338A (PermReq) Honors Seminar: Literature and the Arts: Elizabethan English Theatre: The Supreme Decade (1600-1610); Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 0135) DIS Schoenbaum, S

HONR338B (PermReq) Honors Seminar: Literature and the Arts: Technology as a Theme in Literature Since the Industrial Revolution; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 W.....3:00pm- 5:30pm (HBK 0108) DIS Wallace, J

HONR348A (PermReq) Honors Seminar: Social and Behavioral Sciences: Application of Technology to Societal Problems; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 F.....9:30am-12:00pm (HBK 0108) DIS Sullivan, D

HONR348B (PermReq) Honors Seminar: Social and Behavioral Sciences: Alternatives to Violence; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....7:00pm- 9:30pm (HBK 1116) McCarthy, C

HONR368A (PermReq) Honors Seminar: Development of Knowledge: Interpreting the Bible; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 Tu.....12:30pm- 3:00pm (HBK 0108) DIS Handelman, S

HONR368B (PermReq) Honors Seminar: Development of Knowledge: Private Lives: Learning About Maryland's Literature and History Through Personal Records; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 M.....1:00pm- 3:30pm (HBK 0123) DIS Beauchamp, V

HONR370 (PermReq) Honors Thesis or Project; Grade Method: S-F; Available only to General Honors students. 3-6 credits
0101 Time and room to be arranged STAFF
0201 Time and room to be arranged Cate, G

HONR378A (PermReq) Honors Seminar: Analysis of Human Problems: Medical Technology and Social Choices; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 M.....7:00pm- 9:30pm (HBK 0108) DIS Holohan, T

HONR378B (PermReq) Honors Seminar: Analysis of Human Problems: Rhetoric of War and Peace; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 M.....4:00pm- 6:30pm (HBK 0108) DIS Doyle, T

HONR379 (PermReq) Honors Independent Study; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Available only to General Honors students. 1-6 credits

HONR379A (PermReq) Honors Independent Study: Writing Workshop; Grade Method: S-F; Students may register for more than 3 credits with permission of instructor. Writing workshops may be repeated, for a total of 6 credits, with permission of the instructor. 3-6 credits
0101 M.....6:00pm- 9:00pm (HBK 0123) DIS Galvin, M
0201 W.....6:00pm- 9:00pm (HBK 0123) DIS Galvin, M

HONR386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 387. 1-3 credits

HONR387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 386. 1-3 credits

---

HORT Horticulture (Agriculture)

HORT160 Introduction to the Art of Landscaping; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1240) Hamed, S

HORT201 Environmental Factors and Horticultural Crop Production; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 101. 4 credits
0101 TuTh.....12:30pm- 1:45pm (HZF 1102) Stutte, G
Tu.....2:00pm- 4:00pm (HAR 1105) LAB

HORT271 Plant Propagation; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 101. 3 credits
0101 TuTh.....11:00am-11:50am (HJP 2242) Gouin, F
W.....2:00pm- 4:00pm (HAR 1105) LAB
0102 TuTh.....11:00am-11:50am (HJP 2242) Gouin, F
Th.....2:00pm- 4:00pm (HAR 1105) LAB

HORT361 Principles of Landscape Design; Grade Method: REG/P-F/AUD; Prerequisite: HORT 160 and HORT 260. 3 credits
0101 Tu.....1:00pm- 4:00pm (HZF 2106) LAB Gould Jr., W
Th.....1:00pm- 3:00pm (HZF 2106) LAB

HORT398 Seminar; Grade Method: REG/P-F/AUD; Prerequisite: senior standing. Horticulture majors only. 1 credit
0101 W.....4:00pm- 4:50pm (HZF 0128B) Hershey, D

HORT399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2 credits

HORT411 Fruit Crop Production; Grade Method: REG/P-F/AUD; Prerequisite: HORT 202, prerequisite or concurrent BOTN 441. 3 credits
0101 TuTh.....11:00am-12:15pm (HZF 1101) Swartz, H

HORT453 Woody Plant Materials; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 212. 3 credits
0101 MF.....1:00pm- 1:50pm (SYM 0200) STAFF
W.....1:00pm- 4:00pm (HZF 0128B) LAB
0102 MF.....1:00pm- 1:50pm (SYM 0200) STAFF
Th.....1:00pm- 4:00pm (HZF 0128B) LAB

HORT462 Planting Design; Grade Method: REG/P-F/AUD; Prerequisite: HORT 361 and either HORT 453 or HORT 454. 3 credits
0101 M.....9:00am- 9:50am (HZF 2106) Gould Jr., W
MW.....10:00am-12:00pm (HZF 2106) LAB

HORT465 Design of Landscape Structures and Materials; Grade Method: REG/P-F/AUD; Prerequisite: HORT 361. 3 credits
0101 TuTh.....9:30am-10:45am (HZF 1102) Hamed, S

HORT467 Principles of Landscape Contracting; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (HZF 1102) Hamed, S

HORT682 Methods of Horticultural Research; Grade Method: REG/AUD; 3 credits
0101 M.....1:00pm- 1:50pm (HZF 1101) Solomos, T
W.....1:00pm- 5:00pm (HZF 1125) LAB

HORT699 (PermReq) Special Problems in Horticulture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HORT781 Edaphic Factors and Horticultural Plants; Grade Method: REG/AUD; Prerequisite: BOTN 441 or equivalent. — 3 credits
0101 TuTh.....8:00am- 9:15am (HZF 1102) Hershey, D

HORT798 Advanced Seminar; Grade Method: REG; — 1 credit
0101 Th.....4:00pm- 4:50pm (HZF 0128B) STAFF

HORT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HORT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

HSAD Housing and Design (Arts and Humanities)

HSAD210 Presentation Techniques I; Grade Method: REG/P-F/AUD; Prerequisite: APDS 103. Interior design majors only. Attendance is mandatory. — 3 credits
0101 TuTh.....8:00am-10:30am (MMH 1108) Hoover, B

HSAD240 Design and Furnishings in the Home; Grade Method: REG/P-F/AUD; Not for interior design majors. Attendance is mandatory. — 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0116) Heid, L

HSAD246 Materials of Interior Design; Grade Method: REG/P-F/AUD; Offered fall only. Interior design majors only. Prerequisites: APDS 103 or equivalent. Attendance is mandatory. — 3 credits
0101 MWF.....9:00am- 9:50am (MMH 3418) STAFF

HSAD340 Period Homes and Their Furnishings; Grade Method: REG/P-F/AUD; Offered fall only. Prerequisites: APDS 101, HSAD 246. Attendance is mandatory. — 3 credits
0101 MW.....4:00pm- 5:15pm (MMH 1400) STAFF

HSAD342 Space Development; Grade Method: REG/P-F/AUD; Interior design majors only. Prerequisites: HSAD 210, HSAD 246. Attendance is mandatory. — 3 credits
0101 TuTh.....2:00pm- 4:30pm (MMH 1108) LAB STAFF

HSAD343 Interior Design I; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 342. Interior design majors only. Attendance is mandatory. — 3 credits
0101 MW.....11:00am- 1:30pm (MMH 1108) LAB STAFF

HSAD344 Interior Design II; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 343. Interior design majors only. Attendance is mandatory. — 3 credits
0101 TuTh.....11:00am- 1:30pm (MMH 1108) LAB STAFF

HSAD345 Professional Aspects of Interior Design; Grade Method: REG/P-F/AUD; Fall only. Prerequisite: HSAD 343. Interior design majors only. Attendance is mandatory. — 3 credits
0101 F.....1:00pm- 3:30pm (MMH 0108) STAFF

HSAD362 Ideas in Design; Grade Method: REG/P-F/AUD; Prerequisite: junior standing and completion of Distributive Studies areas A and C. Attendance is mandatory. — 3 credits
0101 MW.....2:00pm- 3:15pm (SKN 0124) Bonta, J

HSAD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 387. Portfolio review and written consent of instructor required. — 1-3 credits

HSAD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 386. Portfolio review and written consent of instructor required. — 1-3 credits

HSAD440 Interior Design III; Grade Method: REG/P-F/AUD; Meets the first 8 weeks. Students must be concurrently enrolled in HSAD 441. Prerequisite: HSAD 344. Interior design majors only. Attendance is mandatory. — 4 credits
0101 MWF.....1:30pm- 5:30pm (MMH 1108) Kjaer, B

HSAD441 Interior Design IV; Grade Method: REG/P-F/AUD; Meets second 8 weeks. Scheduled only for students registered concurrently in HSAD 440. Prerequisites: HSAD 344. Interior design majors only. Attendance is mandatory. — 4 credits
0101 MWF.....1:30pm- 5:30pm (MMH 1108) Kjaer, B

HSAD460 Housing Costs and Financing; Grade Method: REG/P-F/AUD; Attendance is mandatory. — 3 credits
0101 TuTh.....8:00am- 9:15am (MMH 1304) Chen, A

HSAD488A (PermReq) Selected Topics in Housing and Interior Design: CADD (Computer-Aided Design and Drafting) Interior Design Applications; Grade Method: REG/P-F/AUD; Pre-requisite: HSAD 342. Interior design majors only. Attendance is mandatory. — 3 credits
0101 M.....2:00pm- 5:00pm (MMH 1413A) Eckersley, M
W.....2:00pm- 3:40pm (MMH 1413A)
TBA (MMH 1413A) LAB

HSAD488B (PermReq) Selected Topics in Housing and Interior Design: Interior Design Emphasis; Grade Method: REG/P-F/AUD; Attendance is mandatory. — 1-6 credits
0101 Time and room to be arranged STAFF
0301 Time and room to be arranged Kjaer, B
0401 Time and room to be arranged Chen, A

HSAD488C (PermReq) Selected Topics in Housing and Interior Design: Introduction to Computer Graphics Programming; Grade Method: REG/P-F/AUD; Sophomore standing required. Advertising design and interior design majors only. Attendance is mandatory. — 3 credits
0101 Tu.....11:00am-12:50pm (MMH 1413A) Chen, A
Th.....9:30am-12:30pm (MMH 1413A) LAB

HSAD488G (PermReq) Selected Topics in Housing and Interior Design: Computer Graphics Program; Grade Method: REG/P-F/AUD; Attendance is mandatory. — 3 credits
0101 Th.....3:00pm- 4:50pm (MMH 1413A) Gips, C
Tu.....2:00pm- 5:00pm (MMH 1413A) LAB

HSAD488V Selected Topics in Housing and Interior Design: Urban and Metropolitan Budgeting, Programming and Administration; Grade Method: REG/P-F/AUD; Attendance is mandatory. — 3 credits
0101 TuTh.....9:30am-10:45am (TAA 1124) Marando, V

HSAD499A (PermReq) Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

HSAD499B (PermReq) Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

---

IADM Institution Administration (Human Ecology)

IADM300 Foodservice Organization and Management; Grade Method: REG/P-F/AUD; Offered fall semesters only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0112) Allen, A

IADM350 (PermReq) Foodservice Operations I; Grade Method: REG/P-F/AUD; Prerequisites or co-requisites: IADM 300, MICB 200; prerequisites: FOOD 240,250. — 4 credits
0101 MF.....10:00am-10:50am (MMH 3418) Rostan, S
Tu.....8:00am- 1:00pm (MMH 3108) LAB
0102 MF.....10:00am-10:50am (MMH 3418) Rostan, S
Th.....8:00am- 1:00pm (MMH 3108) LAB

IADM450 Foodservice Equipment and Planning; Grade Method: REG/P-F/AUD; Prerequisite: IADM 350. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (MMH 3112) Norton, V
W.....1:00pm- 4:00pm (MMH 3112) LAB

IADM455 Manpower Planning in the Foodservice Industry; Grade Method: REG/P-F/AUD; Prerequisite : IADM 350; BMGT 362 or ECON 370. — 3 credits
0101 TuTh.....11:00am-12:15pm (MMH 1304) Noble, J

IADM480 (PermReq) Practicum in Institution Administration; Grade Method: S-F; Prerequisite: IADM 350 and consent of instructor. — 3 credits
0101 F.....2:00pm- 5:00pm (MMH 3418) Noble, J

IADM490 (PermReq) Special Problems in Foodservice; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

IADM498 (PermReq) Special Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

IADM600 Food Service Administration; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:45pm (MMH 0108) Noble, J

IADM660 Research Methods; Grade Method: REG/AUD; Prerequisite: a statistics course. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (MMH 3418) Prather, M

IADM678A (PermReq) Special Topics in Institutional Food: Individual Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

IADM678B Special Topics in Institutional Food: Foodservice Systems Analysis and Design; Grade Method: REG/AUD; — 3 credits
0101 W.....6:00pm- 8:45pm (MMH 0108) Norton, V

IADM688 Seminar; Grade Method: REG/AUD; — 1 credit
0101 Th.....4:00pm- 4:50pm (MMH 3418) Williams, E

IADM789 Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

IADM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

IADM888 (PermReq) Doctoral Seminar; Grade Method: REG/AUD; — 1 credit
0101 F.....4:00pm- 5:30pm (MMH 0108) Read, M

IADM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

ITAL Italian (Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

ITAL101 Elementary Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MTuWF.....9:00am- 9:50am (JMZ 0125) STAFF
0201 MTuWF.....10:00am-10:50am (JMZ 0118) STAFF
0301 MTuWF.....11:00am-11:50am (JMZ 0118) STAFF
0401 MTuWF.....12:00pm-12:50pm (JMZ 0118) STAFF
0501 MTuWF.....1:00pm- 1:50pm (JMZ 0118) STAFF

ITAL102 Elementary Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Open only to those who have completed ITAL 101 or by permission of instructor. — 4 credits
0101 MWF.....11:00am-11:50am (JMZ 3118) Russell, C
Th.....11:00am-11:50am (JMZ 2120)
0201 MWF.....12:00pm-12:50pm (JMZ 3118) STAFF
Th.....12:00pm-12:50pm (JMZ 2120)

ITAL121 Accelerated Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....10:00am-10:50am (JRN 1103) Amodeo, S

ITAL121H Accelerated Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Honors. — 3 credits
0101 MWF.....10:00am-10:50am (JRN 1103) Amodeo, S

ITAL203 Intermediate Italian; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 MWThF.....9:00am- 9:50am (JMZ 2122) STAFF
0201 MWThF.....10:00am-10:50am (JMZ 2122) Russell, C

ITAL204 Review Grammar and Composition; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 0202) Falvo, G

ITAL251 Introduction to Italian Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1125) Russell, C

ITAL311 Italian Conversation: Current Events; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2120) Amodeo, S

ITAL351 Italian Literature From Dante to the Renaissance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; In Italian — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2125) Russell, C

ITAL399 (PermReq) Directed Study in Italian; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. — 1-3 credits

ITAL411 Dante; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

ITAL475 Italian Cinema: A Cultural Approach; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:00pm- 4:00pm (JMZ 0220) Falvo, G
W.....2:00pm- 4:00pm (JMZ 2102)

ITAL498 Special Topics in Italian Literature: Dante; Grade Method: REG/P-F/AUD; In Italian. See Dr. Russell for details. Meets one additional hour per week. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

ITAL499I Special Topics in Italian Studies: The Italian Cinema in Italian; Grade Method: REG/P-F/AUD; See department for details. Meets one additional hour per week. — 3 credits
0101 M.....2:00pm- 4:00pm (JMZ 0220) Falvo, G
W.....2:00pm- 4:00pm (JMZ 2102)

IVSP Individual Studies Program (Undergraduate Studies)

IVSP318 (PermReq) Individual Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-15 credits

IVSP319 (PermReq) Tutorial Report; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

IVSP320 (PermReq) Bachelor's Report; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

---

JAPN Japanese (Arts and Humanities)

JAPN101 Elementary Japanese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 6 credits
0101 MWF.....9:00am-11:00am (ARM 0110) STAFF
MWF.....9:00am-11:00am (ARM 0120) DIS
0102 MWF.....9:00am-11:00am (ARM 0110) STAFF
MWF.....9:00am-11:00am (ARM 0119) DIS
0301 MWF.....11:00am- 1:00pm (ARM 0119) STAFF

JAPN201 Intermediate Spoken Japanese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 0118) Kerkham, H
0201 MWF.....9:00am- 9:50am (ARM 0118) Miura, E

JAPN202 Intermediate Written Japanese I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0120) Kerkham, H

JAPN301 Advanced Japanese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1124) Ramsey, S

JAPN303 Business Japanese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1123) Yaginuma, K

JAPN401 Readings in Modern Japanese I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3207) Yaginuma, K

JAPN403 Readings in Classical Japanese; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....6:30pm- 9:00pm (JMZ 1215) Kerkham, H

JAPN415 Modern Japanese Fiction in Translation; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1124) Rimer, T

JAPN499 (PermReq) Directed Study in Japanese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

JAPN499A Directed Study in Japanese; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged Kerkham, H

JOUR Journalism (Journalism)

JOUR001 Professional Orientation; Grade Method: REG; Corequisite or Prerequisite: JOUR 201. Required for all majors. The notation (I) credit is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the University. — 1 credit
0101 Th.....3:00pm- 4:00pm (KEY 0106) Kay, L

JOUR002 Professional Practicum; Grade Method: S-F; Prerequisite: JOUR 396 and permission of instructor. The notation (I) credit is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the University. — 1 credit
0101 TBA (JRN 2114) Kay, L

JOUR100 Introduction to Mass Communication; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not required for majors; not counted toward JOUR requirements. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 0204) Hiebert, R

JOUR201 Writing For Mass Media; Grade Method: REG; Prerequisites: Provisional admission to major and 30 wpm typing ability; a 5 minute typing test is required prior to registration. It will be given August 28 and September 4, 2-4pm, JRN 3103. A proficiency test for applicability of JOUR 201 credit taken at another institution will be given Sept. 4, 2-4pm., in JRN 3102. Register for the proficiency test in JRN 2109. Students must demonstrate competence in language skills to pass JOUR 201. Satisfactory performance on a test of language skills (TLS) or Test of Standard Written English (TSWE) is required. Students are advised to take the test of language skills prior to enrolling. Check with the department for testing dates and times. Note: students enrolling in JOUR 201 must concurrently enroll for JOUR 001. Majors only. — 3 credits
0101 Tu.....8:00am-10:00am (JRN 3103) Kraft, E
Th.....8:00am-10:00am (JRN 3103) LAB
0201 M.....10:00am-12:00pm (JRN 3103) Holman, B
W.....10:00am-12:00pm (JRN 3103) LAB
0301 Tu.....10:00am-12:00pm (JRN 3111) Hiebert, R
Th.....10:00am-12:00pm (JRN 3111) LAB
0401 Tu.....12:00pm- 2:00pm (JRN 3103) Kraft, E
Th.....12:00pm- 2:00pm (JRN 3103) LAB
0501 Tu.....4:00pm- 6:00pm (JRN 3103) STAFF
Th.....4:00pm- 6:00pm (JRN 3103) LAB
0601 M.....12:00pm- 2:00pm (JRN 3103) Tozier, C
W.....12:00pm- 2:00pm (JRN 3103) LAB
0701 M.....12:00pm- 2:00pm (JRN 3111) Lieb, T
W.....12:00pm- 2:00pm (JRN 3111) LAB
0901 M.....4:00pm- 6:00pm (JRN 3102) Tozier, C
W.....4:00pm- 6:00pm (JRN 3102) LAB

JOUR202 Editing For the Mass Media; Grade Method: REG; Prerequisite: JOUR 201. Must have at least 28 credits earned. Majors only. — 3 credits
0101 M.....8:00am-10:00am (JRN 1117) Hinden, S
W.....8:00am-10:00am (JRN 1117) LAB
0201 Tu.....12:00pm- 2:00pm (JRN 1117) Lieb, T
Th.....12:00pm- 2:00pm (JRN 1117) LAB
0301 Tu.....4:00pm- 6:00pm (JRN 1117) McAdams, K
Th.....4:00pm- 6:00pm (JRN 1117) LAB
0401 M.....2:00pm- 4:00pm (JRN 1117) Barkin, S
W.....2:00pm- 4:00pm (JRN 1117) LAB
0501 Tu.....6:00pm- 8:00pm (JRN 1117) McAdams, K
Th.....6:00pm- 8:00pm (JRN 1117) LAB
0701 M.....6:00pm- 8:00pm (JRN 1117) STAFF
W.....6:00pm- 8:00pm (JRN 1117) LAB
0801 M.....10:00am-12:00pm (JRN 1117) Smith, M
W.....10:00am-12:00pm (JRN 1117) LAB
0901 Tu.....10:00am-12:00pm (JRN 1117) Stepp Jr., A
Th.....10:00am-12:00pm (JRN 1117) LAB

JOUR320 News Reporting; Grade Method: REG; Prerequisite: JOUR 202. Majors only. — 3 credits
0101 W.....8:00am-10:00am (JRN 3111) Sheler, S
F.....8:00am-10:00am (JRN 3111) LAB
0201 M.....2:00pm- 4:00pm (JRN 3111) Beasley, M
W.....2:00pm- 4:00pm (JRN 3111) LAB
0301 M.....4:00pm- 6:00pm (JRN 3103) Franklin, J
W.....4:00pm- 6:00pm (JRN 3103) LAB
0401 Tu.....12:00pm- 2:00pm (JRN 3102) Gottlieb, A
Th.....12:00pm- 2:00pm (JRN 3102) LAB

JOUR321 Reporting of Public Affairs; Grade Method: REG; Prerequisite: JOUR 320. Majors only. — 3 credits
0101 M.....6:00pm- 9:00pm (JRN 1105) — Allen, I

JOUR323 Newspaper Editing; Grade Method: REG; Prerequisite: JOUR 202 or permission of instructor only. Majors only. — 3 credits
0101 W.....1:00pm- 3:00pm (JRN 3114) — Stepp Jr., A
Time and room to be arranged LAB

JOUR330 Public Relations Theory; Grade Method: REG; Prerequisite: JOUR 201. Open to majors and BMGT 0515A (PRL) and BMGT 05090 (MKT) only. — 3 credits
0101 MWF.....12:00pm-12:50pm (JRN 1104) — Zerbinos, E
0201 TuTh.....9:30am-10:45am (JRN 1104) — McAdams, K

JOUR331 Public Relations Techniques; Grade Method: REG; Prerequisite: JOUR 202 and JOUR 330. Majors classified as 0602f only. — 3 credits
0101 M.....2:00pm- 4:00pm (JRN 3102) — Zerbinos, E
W.....2:00pm- 4:00pm (JRN 3102) LAB
0201 M.....8:00am-10:00am (JRN 3103) — Zerbinos, E
W.....8:00am-10:00am (JRN 3103) LAB
0301 Tu.....10:00am-12:00pm (JRN 3102) — Grunig, L
Th.....10:00am-12:00pm (JRN 3102) LAB

JOUR340 Advertising Communication; Grade Method: REG; Prerequisite: JOUR 201. Open to majors and BMGT 0515A (PRL) and BMGT 05090 (MKT) only. — 3 credits
0101 MWF.....8:00am- 8:50am (JRN 1104) — Plumb, J
0201 MWF.....9:00am- 9:50am (JRN 1104) — Plumb, J

JOUR341 Advertising Techniques; Grade Method: REG; Prerequisite: JOUR 202 and 340. Majors classified as 0602A only. — 3 credits
0101 M.....4:00pm- 6:00pm (JRN 1117) — Keenan, K
W.....4:00pm- 6:00pm (JRN 1117) LAB
0201 M.....12:00pm- 2:00pm (JRN 1117) — Keenan, K
W.....12:00pm- 2:00pm (JRN 1117) LAB

JOUR350 Photojournalism; Grade Method: REG; Prerequisite: JOUR 201. Student must provide a camera. Materials cost approximately $100. Majors only. — 3 credits
0101 W.....9:00am-11:00am (JRN 1105) — STAFF
F.....9:00am-11:00am (JRN 2116) LAB
0201 W.....9:00am-11:00am (JRN 1105) — STAFF
F.....11:00am- 1:00pm (JRN 2116) LAB
0301 W.....9:00am-11:00am (JRN 1105) — STAFF
W.....2:00pm- 4:00pm (JRN 2116) LAB

JOUR360 Broadcast News I; Grade Method: REG; Prerequisite: JOUR 201. Additional 3 hours per week required at WMUC. Majors only. — 3 credits
0101 M.....6:00pm- 8:00pm (JRN 3103) — Holman, B
W.....6:00pm- 8:00pm (JRN 3103) LAB
0201 M.....10:00am-12:00pm (JRN 3111) — Barkin, S
W.....10:00am-12:00pm (JRN 3111) LAB

JOUR361 Broadcast News II; Grade Method: REG; — 3 credits
0101 Tu.....11:00am- 3:00pm (JRN 3114) — Levy, M

JOUR371 Magazine Article and Feature Writing; Grade Method: REG; Prerequisite: JOUR 320. Majors only. — 3 credits
0101 M.....4:00pm- 6:00pm (JRN 3111) — Paterson, J
W.....4:00pm- 6:00pm (JRN 3111) LAB
0201 M.....12:00pm- 2:00pm (JRN 3102) — Gottlieb, A
W.....12:00pm- 2:00pm (JRN 3102) LAB
0301 M.....8:00am-10:00am (JRN 3102) — Paterson, J
W.....8:00am-10:00am (JRN 3102) LAB

JOUR372 Magazine Photography and Illustration; Grade Method: REG; Prerequisite: JOUR 201. Not open to students with credit in JOUR 350. Majors only. — 3 credits
0101 M.....10:00am-12:00pm (JRN 2116) — STAFF
M.....12:00pm- 2:00pm (JRN 2116) LAB

JOUR373 Graphics; Grade Method: REG; Prerequisite: JOUR 202. Majors only. — 3 credits
0101 Tu.....2:00pm- 4:00pm (JRN 3120) — STAFF
Th.....2:00pm- 4:00pm (JRN 3120) LAB
0201 Tu.....8:00am-10:00am (JRN 3120) — STAFF
Th.....8:00am-10:00am (JRN 3120) LAB

JOUR380 Journalism For Science and Technology; Grade Method: REG; — 3 credits
0101 TuTh.....2:00pm- 4:00pm (JRN 3111) — Grunig, L

JOUR396 Supervised Internship; Grade Method: REG; — 3 credits
Majors only. Student must have completed JOUR 201 and first course in sequence. Ask in JRN 2114 for meeting time and place.
0101 TBA (JRN 2114) — Kay, L

JOUR398 (PermReq) Independent Study; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

JOUR400 Law of Mass Communication; Grade Method: REG; Must have at least 56 credits earned. — 3 credits
0101 TuTh.....3:45pm- 5:00pm (ASY 2203) — Greenfeld, A

JOUR410 History of Mass Communication; Grade Method: REG; — 3 credits
0101 MWF.....11:00am-11:50am (JRN 1104) — Beasley, M

JOUR420 Government and Mass Communication; Grade Method: REG; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JRN 1104) — Gurevitch, M

JOUR450 Mass Media in Society; Grade Method: REG; Must have at least 56 credits earned. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 0124) — Stepp Jr., A

JOUR459I Special Topics in Mass Communication: Legal Issues in Adverising; Grade Method: REG; — 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1105) — Greenfeld, A

JOUR459K Special Topics in Mass Communication: Literature of Foreign Correspondence; Grade Method: REG; Prerequisite: JOUR 400 or permission of instructor. Must have at least 56 credits earned. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 0101) — Paterson, J

JOUR459L Special Topics in Mass Communication: Media Planning for Advertising; Grade Method: REG; Junior standing. — 3 credits
0101 F.....8:00am-11:00am (JRN 1105) — Keenan, K

JOUR459M Special Topics in Mass Communication: Science and the Media; Grade Method: REG; — 3 credits
0101 M.....7:00pm-10:00pm (KEY 0116) — Franklin, J

JOUR480 Mass Communication Research; Grade Method: REG; Prerequisite: MATH 110 or equivalent. Must have at least 56 credits earned. — 3 credits
0101 W.....11:00am- 2:00pm (JRN 1105) — STAFF
0201 TuTh.....11:00am-12:15pm (JRN 1104) — Martin, L

JOUR483 Public Relations Campaigns; Grade Method: REG; Junior standing. — 3 credits
0101 TuTh.....11:00am-12:15pm (JRN 1105) — Grunig, J

JOUR487 Literary Journalism; Grade Method: REG; Prerequisite: JOUR 371 or permission of instructor. — 3 credits
0101 Th.....6:30pm- 9:30pm (JRN 1104) — Franklin, J

JOUR501 Writing and Editing Reviews; Grade Method: REG/AUD; — 3 credits
0101 M.....2:00pm- 4:00pm (JRN 3103) — Smith, M
W.....2:00pm- 4:00pm (JRN 3103) LAB

JOUR600 Research Methods in Mass Communication; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:00pm- 9:00pm (JRN 3114) — Martin, L

JOUR601 Theories of Mass Communication; Grade Method: REG/AUD; — 3 credits
0101 Th.....10:00am- 1:00pm (JRN 3114) — Levy, M

JOUR620 Seminar in Public Affairs Reporting; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:00pm- 9:00pm (JRN 3114) — Smith, M

JOUR630 Seminar in Public Relations Management; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 9:00pm (JRN 3114) — Grunig, J

JOUR698 (PermReq) Special Problems in Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

JOUR720 Seminar in Government and Mass Communication; Grade Method: REG/AUD; — 3 credits
0101 W.....6:00pm- 9:00pm (JRN 3114) — Blumler, J

JOUR798 Masters Professional Fieldwork; Grade (PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

JOUR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

---

LATN Latin (Arts and Humanities)

LATN101 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....10:00am-10:50am (HZF 1108) — STAFF
0201 MWF.....1:00pm- 1:50pm (HZF 1108) — STAFF
0301 MWF.....9:00am- 9:50am (HZF 1108) — STAFF
0401 MWF.....11:00am-11:50am (HZF 1108) — Haury, A
0501 MWF.....12:00pm-12:50pm (HZF 1108) — Haury, A
0601 MWF.....2:00pm- 2:50pm (HZF 1108) — STAFF
0701 MWF.....10:00am-10:50am (COL 3111) — Hallett, J

LATN102 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (COL 3111) — Hallett, J

LATN203 Intermediate Latin I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (HZF 1106) — Doherty, L
0201 MWF.....11:00am-11:50am (TYD 1136) — Staley, G

LATN305 Vergil's Aeneid; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1109) — STAFF

LATN488 (PermReq) Independent Study in Latin Language and Literature; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

LATN490 Survey of Latin Literature; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 3118) — Stehle, E

LATN604 Cicero; Grade Method: REG/AUD; Permission of instructor required. — 3 credits
0101 Time and room to be arranged — Rowland, R

LATN640 Latin Epigraphy; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:00pm- 8:40pm (JMZ 4218) — Rowland, R

LBSC Library Science (Library & Info Services)

LBSC384 Media Center Administration and Services; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 4115) — Williams, H

LBSC386 Field Work; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Williams, H

LBSC387 Field Work Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Williams, H

LBSC488M Recent Trends and Issues in Library and Information Services: Marketing Management Techniques for Information Professionals; Grade Method: REG/P-F/AUD; For graduate credit, students must select grading option "R". Suggested prerequisite: LBSC 630 or equivalent. — 3 credits
0101 Tu.....6:00pm- 8:45pm (HBK 4113) — Olson, M

All courses 600 and above require permission of department. Check course listing for specific restrictions.

LBSC600 (PermReq) Proseminar: the Development and Operation of Libraries and Information Services; Grade Method: REG/AUD; — 3 credits
0101 MW.....9:30am-10:45am (HBK 0109) — Kidd, J
0201 Tu.....5:30pm- 8:15pm (HBK 0109) — Kidd, J

LBSC603 (PermReq) Library Systems Analysis; Grade Method: REG/AUD; — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0103) — Kidd, J

LBSC612 (PermReq) History of Books and Printing; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0105) — Stielow, F

LBSC630 (PermReq) Library Administration; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0109) — Wasserman, P
0201 Tu.....5:30pm- 8:15pm (HBK 0105) — Phelps, T

LBSC641 (PermReq) Selection and Evaluation of Instructional Media; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0103) — Neuman, D

LBSC645 (PermReq) Children's Literature and Materials; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 0115) — MacLeod, A

LBSC651 (PermReq) Introduction to Reference and Information Services; Grade Method: REG/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (HBK 0103) — White, M
0201 MW.....1:00pm- 2:15pm (HBK 0103) — White, M
0301 W.....5:30pm- 8:15pm (HBK 0103) — Cunningham, W

LBSC671 (PermReq) Organization of Recorded Knowledge; Grade Method: REG/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (HBK 0115) — Thornburg, G
0201 MW.....1:00pm- 2:15pm (HBK 0113) — Thornburg, G
0301 M.....5:30pm- 8:15pm (HBK 0115) — Momeni, M

LBSC675 (PermReq) Introduction to Information Storage and Retrieval (ISAR) Systems; Grade Method: REG/AUD; — 3 credits
0101 Sa.....9:00am-11:45am (HBK 0105) — Soergel, D

LBSC690 (PermReq) Introduction to Data Processing For Libraries and Information Services; Grade Method: REG/AUD; With additional lab. — 3 credits
0101 Th.....9:00am-11:45am (HBK 0103) — Soergel, D

LBSC691 (PermReq) Microcomputers in Information Processing; Grade Method: REG/AUD; — 3 credits
0101 W.....5:30pm- 8:15pm (HBK 0115) — Marchionini, G

LBSC707 (PermReq) Field Study in Library Service; Grade Method: REG/AUD; Prerequisites: LBSC 600, 651, 671, 690 or 691, and permission of instructor. — 3 credits
0101 Time and room to be arranged — Wilson, W

LBSC708B (PermReq) Special Topics in Library and Information Service: Community Information Services; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 4115) — Aversa, E

LBSC708E (PermReq) Special Topics in Library and Information Service: Seminar on Ethics in Library and Information Services; Grade Method: REG/AUD; — 1-3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 4113) — Bundy, M

LBSC708J (PermReq) Special Topics in Library and Information Service: Library Personnel Management and Communication; Grade Method: REG/AUD; — 3 credits
0101 Th.....9:30am-12:15pm (HBK 4113) — MacLeod, A

LBSC708P (PermReq) Special Topics in Library and Information Service: Inventing and Designing Information Products and Services; Grade Method: REG/AUD; — 3 credits
0101 Th.....2:00pm- 4:45pm (HBK 4113) — Wasserman, P

LBSC709 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office. — 1-3 credits

LBSC724 (PermReq) Public Library Seminar; Grade Method: REG/AUD; — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0109) — Cunningham, W

LBSC737 (PermReq) Seminar in the Special Library and Information Center; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0109) — Kadec, S

LBSC741 (PermReq) Seminar in School Library Media Programs; Grade Method: REG/AUD; Suggested prerequisite: LBSC630. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 4115) — Liesener, J

LBSC744 (PermReq) Field Study in School Library Media Programs; Grade Method: REG/AUD; Prerequisite: LBSC 741 and permission of instructor. — 3 credits
0101 W.....2:30pm- 5:15pm (HBK 4113) — Liesener, J

LBSC750 (PermReq) Advanced Reference Services; Grade Method: REG/AUD; Preregistration must be approved by CLIS Admissions Office. — 3 credits
0101 MW.....9:30am-10:45am (HBK 0103) — White, M
0201 W.....5:30pm- 8:15pm (HBK 0105) — Aversa, E

LBSC762 (PermReq) Health Information Sources and Their Use; Grade Method: REG/AUD; Suggested prerequisite: LBSC 651 or equivalent. — 3 credits
0101 W.....9:30am-12:15pm (HBK 4113) — Sewell, W

LBSC764 (PermReq) Legal Literature; Grade Method: REG/AUD; Suggested prerequisite: LBSC 651 or equivalent. — 3 credits
0101 Tu.....6:30pm- 9:15pm (HBK 0103) — Rahill, M

LBSC783 (PermReq) Seminar in Technical Services; Grade Method: REG/AUD; — 3 credits
0101 W.....2:30pm- 5:15pm (HBK 0109) — Costabile, S

LBSC791 Computer Applications in Information Management; Grade Method: REG/AUD; Formerly LBSC 708M. — 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 4113) — Marchionini, G

LBSC794 (PermReq) Principles of Software Evaluation; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 0105) — Neuman, D

LBSC878 (PermReq) Doctoral Seminar in Information Studies: Communication and Information Transfer; Grade Method: REG/AUD; Doctoral students or by permission of instructor. — 3 credits
0101 Tu.....9:30am-12:15pm (HBK 4113) — Kidd, J

LBSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

For LENF courses, see CJUS (Institute of Criminal Justice and Criminology).

LING Linguistics (Arts and Humanities)

LING200 Introductory Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 2110) — Coleman, L
0201 MWF.....9:00am- 9:50am (HJP 1229) — Fagan, S
0301 M.....4:00pm- 4:50pm (JMZ 2206) — Merrill, P
W.....3:00pm- 4:50pm (JMZ 2206)
0401 TuTh.....11:00am-12:15pm (EDU 3233) — STAFF
Basis for future work in Linguistics. Credit not given for both LING 100 and 200.

LING240 Language and Mind; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HZF 1101) — Hornstein, N

LING311 Syntax I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 1112) — Hornstein, N

LING321 Phonology I; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0125) — Weinberg, A

LING330 Historical Linguistics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3205) — Fleck, J

LING411 Comparative Syntax; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....2:00pm- 4:00pm (MIL 1106) — Zubizarreta, M
Time and room to be arranged DIS

LING419 (PermReq) Topics in Syntax; Grade Method: REG; — 3 credits
0101 Time and room to be arranged — Hornstein, N

LING421 Advanced Phonology; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....3:00pm- 5:00pm (MIL 1106) — Vergnaud, J
Time and room to be arranged DIS

LING429 (PermReq) Topics in Phonology; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Vergnaud, J

LING440 Grammars and Cognition; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 1116) — STAFF

LING457 Grammars and Discourse; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 1101) — McKay, J

LING499 (PermReq) Directed Studies in Linguistics; Grade Method: REG; — 3 credits
0101 Time and room to be arranged — Lightfoot, D

LING611 Comparative Syntax; Grade Method: REG/AUD; — 3 credits
0101 Tu.....2:00pm- 4:00pm (MIL 1106) — Zubizarreta, M
Time and room to be arranged DIS

LING620 Phonological Theory; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:00pm- 5:00pm (MIL 1106) — Vergnaud, J
Time and room to be arranged DIS

LING645 Speech Processing; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (MIL 1106) — Gorrell, P
Time and room to be arranged DIS

LING650 History of Linguistics; Grade Method: REG/AUD; — 3 credits
0101 Th.....1:00pm- 3:00pm (MIL 1106) — Lightfoot, D
Time and room to be arranged DIS

LING689 (PermReq) Topics in Language Study; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged DIS — STAFF

LING698 (PermReq) Directed Study; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged DIS — STAFF

LING799 (PermReq) Master's Thesis Research; Grade Method: REG; — 6 credits
0101 Time and room to be arranged DIS — STAFF

LING829 (PermReq) Seminar in Phonological Theory; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Vergnaud, J

LING889 (PermReq) Directed Research; Grade Method: REG/AUD; — 1-8 credits
0101 Time and room to be arranged DIS — STAFF

LING895 (PermReq) Doctoral Research Paper; Grade Method: REG/AUD; — 6 credits
0101 Time and room to be arranged DIS — STAFF

LING899 Doctoral Dissertation Research; Grade Method: REG; — 1-8 credits
0101 Time and room to be arranged DIS — STAFF

MAPL Applied Mathematics (Comp, Math, & Phys Sci)

MAPL460 Computational Methods; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses MAPL 460 and MAPL 470. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0106) — Vogelius, M
0301 MWF.....9:00am- 9:50am (MTH B0429) — Wolfe, P

MAPL471 Numerical Mathematics: Linear Algebra; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH B0423) Babuska, I

MAPL477 Optimization; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 1308) Fontecilla, R

MAPL498A Selected Topics in Applied Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MAPL498B Selected Topics in Applied Mathematics: Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0405) Osborn, J
0201 TuTh.....2:00pm- 3:15pm (MTH 0105) Elman, H

MAPL614 Mathematics of the Finite Element Method; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0403) Arnold, D

MAPL670 Ordinary Differential Equatipns I; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0302) Markley, N

MAPL673 Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0105) Liu, T

MAPL680 Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 1308) Antman, S

MAPL685 Modern Methods in Partial Differential Equations I; Grade Method: REG/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0302) Evans, L

MAPL698A Advanced Topics in Applied Mathematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

MAPL698C Advanced Topics in Applied Mathematics: Numerical Analysis I; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 1311) Kellogg, R

MAPL698E Advanced Topics in Applied Mathematics: Selected Topics in Stochastic Processes; Grade Method: REG/AUD; — 3 credits
0501 TuTh.....2:00pm- 3:15pm (MTH B0423) Freidlin, M

MAPL699 Applied Mathematics Seminar; Grade Method: REG/AUD; — 1 credit
0101 M.....4:00pm- 4:50pm (MTH 0302) Cooper, J

MAPL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MAPL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

MATH Mathematics (Comp, Math, & Phys Sci)

MATH001 Review of High School Algebra; Grade Method: REG; Course chairperson - Cleary. The notation 3 credits is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the University. There is a special fee of $125 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M- Building Confidence and Study Skills in Mathematics. — 3 credits
0101 MWF.....9:00am- 9:50am (MTH 0102) STAFF
0201 MWF.....10:00am-10:50am (MTH 0102) STAFF
0202 MWF.....10:00am-10:50am (MTH 0401) STAFF
0203 MWF.....10:00am-10:50am (MTH 0104) STAFF
0301 MWF.....11:00am-11:50am (MTH 0401) STAFF
0302 MWF.....11:00am-11:50am (MTH 0104) STAFF
0401 MWF.....12:00pm-12:50pm (MTH 0104) STAFF
0402 MWF.....12:00pm-12:50pm (MTH 0102) STAFF
0501 MWF.....1:00pm- 1:50pm (MTH 0104) STAFF
0601 MWF.....2:00pm- 2:50pm (MTH 0104) STAFF
0602 MW.....2:00pm- 3:15pm (MTH 0102) STAFF
0603 MWF.....2:00pm- 2:50pm (MTH 0401) STAFF
0701 TuTh.....9:30am-10:45am (MTH 0102) STAFF
0703 TuTh.....9:30am-10:45am (MTH 0401) STAFF
0801 TuTh.....11:00am-12:15pm (MTH 0102) STAFF
0803 TuTh.....11:00am-12:15pm (MTH 0401) STAFF

MATH001B Review of High School Algebra; Grade Method: REG; Course chairperson - Cleary. The notation 3 credits is used for billing and full-time or part-time status. This course does not carry credit towards any degree at the University. There is a special $125 fee for MATH 001B. MATH 001B is intended for persons wishing to take MATH 115. Anyone registering for MATH 001B must have already completed at least one full year of high school algebra. Students registering for MATH 001B who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M- Building Confidence and Study Skills in Mathematics. — 3 credits
0102 MWF.....9:00am- 9:50am (MTH 0401) STAFF
0103 MWF.....9:00am- 9:50am (MTH 0104) STAFF
0303 MWF.....11:00am-11:50am (MTH 0102) STAFF
0304 MWF.....11:00am-11:50am (MTH B0423) STAFF
0502 MWF.....1:00pm- 1:50pm (MTH 0102) STAFF
0901 TuTh.....12:30pm- 1:45pm (MTH 0401) STAFF
0902 TuTh.....12:30pm- 1:45pm (MTH 0102) STAFF
1001 TuTh.....2:00pm- 3:15pm (MTH 0401) STAFF
1002 TuTh.....2:00pm- 3:15pm (MTH 0102) STAFF

MATH110 Introduction to Mathematics I; Grade Method: REG/P-F/AUD; For each of the following pairs, credit will be given for only one of the two listed courses - MATH 110 and MATH 102, MATH 110 and MATH 103, MATH 110 and MATH 104, MATH 110 and MATH 115. MATH 110 is not open to students majoring in mathematics, engineering or the physical sciences. Students who fail qualifying exam must take MATH 001. — 3 credits
0101 MWF.....8:00am- 8:50am (MTH 0306) STAFF
0102 MWF.....8:00am- 8:50am (MTH 0307) STAFF
0103 MWF.....8:00am- 8:50am (MTH 0403) STAFF
0104 MWF.....8:00am- 8:50am (MTH 0303) STAFF
0108 MWF.....8:00am- 8:50am (MTH 0101) STAFF
0109 MWF.....8:00am- 8:50am (MTH 0103) STAFF
0110 MWF.....8:00am- 8:50am (MTH 0305) STAFF
0111 MWF.....8:00am- 8:50am (MTH 0105) STAFF
0201 MWF.....9:00am- 9:50am (MTH 0306) STAFF
0202 MWF.....9:00am- 9:50am (MTH 0307) STAFF
0203 MWF.....9:00am- 9:50am (MTH 0403) STAFF
0204 MWF.....9:00am- 9:50am (MTH 0303) STAFF
0208 MWF.....9:00am- 9:50am (MTH 0101) STAFF
0209 MWF.....9:00am- 9:50am (MTH 0103) STAFF
0210 MWF.....9:00am- 9:50am (MTH 0305) STAFF
0211 MWF.....9:00am- 9:50am (MTH 0105) STAFF
0301 MWF.....11:00am-11:50am (MTH 0305) STAFF
0302 MWF.....11:00am-11:50am (MTH 0201) STAFF
0303 MWF.....11:00am-11:50am (MTH 0106) STAFF
0306 MWF.....11:00am-11:50am (MTH 0304) STAFF
0307 MWF.....11:00am-11:50am (MTH 0303) STAFF
0308 MWF.....11:00am-11:50am (MTH 0101) STAFF
0401 MWF.....12:00pm-12:50pm (MTH 0305) STAFF
0402 MWF.....12:00pm-12:50pm (MTH 0201) STAFF
0403 MWF.....12:00pm-12:50pm (MTH 0106) STAFF
0406 MWF.....12:00pm-12:50pm (MTH 0304) STAFF
0407 MWF.....12:00pm-12:50pm (MTH 0303) STAFF
0408 MWF.....12:00pm-12:50pm (MTH 0101) STAFF
0421 MWF.....1:00pm- 1:50pm (MTH 0307) STAFF
0441 MWF.....2:00pm- 2:50pm (MTH 0307) STAFF
0501 MWF.....3:00pm- 3:50pm (MTH 0101) STAFF
0502 MWF.....3:00pm- 3:50pm (MTH 0103) STAFF
0503 MWF.....3:00pm- 3:50pm (MTH 0304) STAFF
0504 MWF.....3:00pm- 3:50pm (MTH 0305) STAFF
0505 MWF.....3:00pm- 3:50pm (MTH 0306) STAFF
0509 MWF.....3:00pm- 3:50pm (MTH 0407) STAFF
0510 MWF.....3:00pm- 3:50pm (MTH 0405) STAFF
0511 MWF.....3:00pm- 3:50pm (MTH 0105) STAFF
0601 MWF.....4:00pm- 4:50pm (MTH 0101) STAFF
0602 MWF.....4:00pm- 4:50pm (MTH 0103) STAFF
0603 MWF.....4:00pm- 4:50pm (MTH 0304) STAFF
0604 MWF.....4:00pm- 4:50pm (MTH 0305) STAFF
0605 MWF.....4:00pm- 4:50pm (MTH 0306) STAFF
0609 MWF.....4:00pm- 4:50pm (MTH 0407) STAFF
0610 MWF.....4:00pm- 4:50pm (MTH 0405) STAFF
0611 MWF.....4:00pm- 4:50pm (MTH 0105) STAFF
1001 MWF.....12:00pm-12:50pm (ARM 0131) Fey, J
Th.....9:00am- 9:50am (MTH 0407) DIS
1002 MWF.....12:00pm-12:50pm (ARM 0131) Fey, J
Th.....10:00am-10:50am (MTH 0407) DIS
1003 MWF.....12:00pm-12:50pm (ARM 0131) Fey, J
Th.....10:00am-10:50am (MTH 0411) DIS
1004 MWF.....12:00pm-12:50pm (ARM 0131) Fey, J
Th.....1:00pm- 1:50pm (MTH 0411) DIS
1005 MWF.....12:00pm-12:50pm (ARM 0131) Fey, J
Th.....8:00am- 8:50am (MTH 0405) DIS
1006 MWF.....12:00pm-12:50pm (ARM 0131) Fey, J
Th.....3:00pm- 3:50pm (MTH 0305) DIS
1007 MWF.....12:00pm-12:50pm (ARM 0131) Fey, J
Th.....2:00pm- 2:50pm (MTH 0407) DIS
1008 MWF.....12:00pm-12:50pm (ARM 0131) Fey, J
Th.....4:00pm- 4:50pm (MTH 0305) DIS
1101 MWF.....9:00am- 9:50am (SKN 0200) Cleary, M
Th.....8:00am- 8:50am (MTH 0407) DIS
1102 MWF.....9:00am- 9:50am (SKN 0200) Cleary, M
Th.....3:00pm- 3:50pm (MTH 0306) DIS
1103 MWF.....9:00am- 9:50am (SKN 0200) Cleary, M
Th.....11:00am-11:50am (MTH 0407) DIS
1104 MWF.....9:00am- 9:50am (SKN 0200) Cleary, M
Th.....8:00am- 8:50am (MTH B0429) DIS
1105 MWF.....9:00am- 9:50am (SKN 0200) Cleary, M
Th.....4:00pm- 4:50pm (MTH 0306) DIS
1106 MWF.....9:00am- 9:50am (SKN 0200) Cleary, M
Th.....3:00pm- 3:50pm (MTH 0407) DIS
1107 MWF.....9:00am- 9:50am (SKN 0200) Cleary, M
Th.....9:00am- 9:50am (MTH 0103) DIS
1108 MWF.....9:00am- 9:50am (SKN 0200) Cleary, M
Th.....4:00pm- 4:50pm (MTH 0407) DIS
1301 MWF.....8:00am- 8:50am (MTH 0302) Grove, K

MATH111 Introduction to Mathematics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses MATH 111 and STAT 100. MATH 111 is not open to students majoring in mathematics, engineering or the physical sciences. — 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0101) STAFF
0110 MWF.....1:00pm- 1:50pm (MTH 0103) STAFF
0201 MWF.....2:00pm- 2:50pm (MTH 0101) STAFF
0209 MWF.....2:00pm- 2:50pm (MTH 1311) Lipsman, R
0210 MWF.....2:00pm- 2:50pm (MTH 0103) STAFF

MATH115 Pre-Calculus; Grade Method: REG/P-F/AUD; For each of the following pairs, credit will be given for only one of the two listed courses - MATH 115 and MATH 102, MATH 115 and MATH 103, MATH 115 and MATH 104, MATH 115 and MATH 110. Students who fail qualifying exam must take MATH 001B. — 3 credits
0101 MWF.....8:00am- 8:50am (MTH 0304) STAFF
0102 MWF.....8:00am- 8:50am (MTH 0201) STAFF
0103 MWF.....8:00am- 8:50am (MTH 0106) STAFF
0104 MWF.....8:00am- 8:50am (MTH 0405) STAFF
0201 MWF.....9:00am- 9:50am (MTH 0304) STAFF
0202 MWF.....9:00am- 9:50am (MTH 0201) STAFF
0203 MWF.....9:00am- 9:50am (MTH 0106) STAFF
0204 MWF.....9:00am- 9:50am (MTH 0405) STAFF
0301 MWF.....1:00pm- 1:50pm (MTH B0421) STAFF
0302 MWF.....1:00pm- 1:50pm (MTH 0201) STAFF
0401 MWF.....2:00pm- 2:50pm (MTH B0421) STAFF
0402 MWF.....2:00pm- 2:50pm (MTH 0201) STAFF
0501 MWF.....3:00pm- 3:50pm (MTH B0421) STAFF
0502 MWF.....3:00pm- 3:50pm (MTH 0201) STAFF
0503 MWF.....3:00pm- 3:50pm (MTH 0106) STAFF
0601 MWF.....4:00pm- 4:50pm (MTH B0421) STAFF
0602 MWF.....4:00pm- 4:50pm (MTH 0201) STAFF
0603 MWF.....4:00pm- 4:50pm (MTH 0106) STAFF
0701 MWF.....10:00am-10:50am (ARM 0135) Gulick, F
Tu.....8:00am- 8:50am (MTH 0407) DIS
0702 MWF.....10:00am-10:50am (ARM 0135) Gulick, F
Tu.....11:00am-11:50am (MTH 0407) DIS
0703 MWF.....10:00am-10:50am (ARM 0135) Gulick, F
Tu.....12:00pm-12:50pm (MTH 0407) DIS
0704 MWF.....10:00am-10:50am (ARM 0135) Gulick, F
Tu.....1:00pm- 1:50pm (MTH 0407) DIS
0705 MWF.....10:00am-10:50am (ARM 0135) Gulick, F
Tu.....2:00pm- 2:50pm (MTH 0407) DIS
0706 MWF.....10:00am-10:50am (ARM 0135) Gulick, F
Tu.....4:00pm- 4:50pm (MTH 0307) DIS
0707 MWF.....10:00am-10:50am (ARM 0135) Gulick, F
Tu.....8:00am- 8:50am (MTH 0405) DIS
0708 MWF.....10:00am-10:50am (ARM 0135) Gulick, F
Tu.....4:00pm- 4:50pm (MTH 0101) DIS

MATH140 Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses - MATH 140 and MATH 220. — 4 credits
0111 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....9:00am- 9:50am (MTH B0421) DIS
0121 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....10:00am-10:50am (MTH B0421) DIS
0131 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....11:00am-11:50am (MTH B0421) DIS
0141 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....1:00pm- 1:50pm (MTH B0421) DIS
0211 MWF.....11:00am-11:50am (ARM 0135) Ehrlich, G
TuTh.....8:00am- 8:50am (MTH B0421) DIS
0221 MWF.....11:00am-11:50am (ARM 0135) Ehrlich, G
TuTh.....10:00am-10:50am (MTH 0201) DIS
0231 MWF.....11:00am-11:50am (ARM 0135) Ehrlich, G
TuTh.....11:00am-11:50am (MTH 0106) DIS
0241 MWF.....11:00am-11:50am (ARM 0135) Ehrlich, G
TuTh.....12:00pm-12:50pm (MTH 0409) DIS
0311 MWF.....12:00pm-12:50pm (SKN 0200) Jones, C
TuTh.....11:00am-11:50am (MTH 0201) DIS
0321 MWF.....12:00pm-12:50pm (SKN 0200) Jones, C
TuTh.....12:00pm-12:50pm (MTH 0106) DIS
0331 MWF.....12:00pm-12:50pm (SKN 0200) Jones, C
TuTh.....1:00pm- 1:50pm (MTH 0201) DIS
0341 MWF.....12:00pm-12:50pm (SKN 0200) Jones, C
TuTh.....2:00pm- 2:50pm (MTH 0201) DIS
0411 MWF.....1:00pm- 1:50pm (ARM 0131) Hubbard, B
TuTh.....12:00pm-12:50pm (MTH 0303) DIS
0421 MWF.....1:00pm- 1:50pm (ARM 0131) Hubbard, B
TuTh.....1:00pm- 1:50pm (MTH 0303) DIS
0431 MWF.....1:00pm- 1:50pm (ARM 0131) Hubbard, B
TuTh.....2:00pm- 2:50pm (MTH 0303) DIS
0441 MWF.....1:00pm- 1:50pm (ARM 0131) Hubbard, B
TuTh.....3:00pm- 3:50pm (MTH 0201) DIS
0511 MWF.....2:00pm- 2:50pm (ARM 0131) Hubbard, B
TuTh.....12:00pm-12:50pm (MTH 0305) DIS
0521 MWF.....2:00pm- 2:50pm (ARM 0131) Hubbard, B
TuTh.....1:00pm- 1:50pm (MTH 0103) DIS
0531 MWF.....2:00pm- 2:50pm (ARM 0131) Hubbard, B
TuTh.....2:00pm- 2:50pm (MTH 0103) DIS
0541 MWF.....2:00pm- 2:50pm (ARM 0131) Hubbard, B
TuTh.....3:00pm- 3:50pm (MTH 0405) DIS
0611 MWF.....9:00am- 9:50am (ARM 0131) Osborn, J
TuTh.....8:00am- 8:50am (MTH 0103) DIS
0621 MWF.....9:00am- 9:50am (ARM 0131) Osborn, J
TuTh.....9:00am- 9:50am (MTH 0303) DIS
0622 MWF.....9:00am- 9:50am (ARM 0131) Osborn, J
TuTh.....9:00am- 9:50am (MTH 0101) DIS
0631 MWF.....9:00am- 9:50am (ARM 0131) Osborn, J
TuTh.....10:00am-10:50am (MTH 0101) DIS
0641 MWF.....9:00am- 9:50am (ARM 0131) Osborn, J
TuTh.....11:00am-11:50am (MTH 0101) DIS
0642 MWF.....9:00am- 9:50am (ARM 0131) Osborn, J
TuTh.....11:00am-11:50am (MTH 0103) DIS

MATH140H (PermReq) Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Open only to General Honors students. Credit will be given for only one of the courses: MATH 140H and MATH 220. — 4 credits
2011 TuWThF....12:00pm-12:50pm (MTH 0411) Auslander, J
2111 MTuWTh....10:00am-10:50am (MTH B0429) Hummel, J

MATH141 Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses - MATH 141 and MATH 221. Students enrolled in MATH 141 are eligible for MATH 143 - calculus computer lab — 4 credits
0111 MWF.....9:00am- 9:50am (ARM 0135) Glaz, G
TuTh.....8:00am- 8:50am (MTH 0307) DIS
0112 MWF.....9:00am- 9:50am (ARM 0135) Glaz, G
TuTh.....8:00am- 8:50am (MTH 0306) DIS
0121 MWF.....9:00am- 9:50am (ARM 0135) Glaz, G
TuTh.....9:00am- 9:50am (MTH 0304) DIS
0122 MWF.....9:00am- 9:50am (ARM 0135) Glaz, G
TuTh.....9:00am- 9:50am (MTH 0306) DIS
0131 MWF.....9:00am- 9:50am (ARM 0135) Glaz, G
TuTh.....12:00pm-12:50pm (MTH 0403) DIS
0141 MWF.....9:00am- 9:50am (ARM 0135) Glaz, G
TuTh.....1:00pm- 1:50pm (MTH 0304) DIS
0211 MWF.....11:00am-11:50am (ARM 0131) Ellis, R
TuTh.....8:00am- 8:50am (MTH 0304) DIS
0212 MWF.....11:00am-11:50am (ARM 0131) Ellis, R
TuTh.....8:00am- 8:50am (MTH 0403) DIS
0221 MWF.....11:00am-11:50am (ARM 0131) Ellis, R
TuTh.....10:00am-10:50am (MTH 0304) DIS
0231 MWF.....11:00am-11:50am (ARM 0131) Ellis, R
TuTh.....11:00am-11:50am (MTH 0304) DIS
0241 MWF.....11:00am-11:50am (ARM 0131) Ellis, R
TuTh.....12:00pm-12:50pm (MTH 0304) DIS
0242 MWF.....11:00am-11:50am (ARM 0131) Ellis, R
TuTh.....12:00pm-12:50pm (MTH 0103) DIS
0251 MWF.....11:00am-11:50am (ARM 0131) Ellis, R
TuTh.....2:00pm- 2:50pm (MTH 0306) DIS
0252 MWF.....11:00am-11:50am (ARM 0131) Ellis, R
TuTh.....2:00pm- 2:50pm (MTH 0307) DIS
0311 MWF.....2:00pm- 2:50pm (SKN 0200) Warner, C
TuTh.....1:00pm- 1:50pm (MTH 0305) DIS
0321 MWF.....2:00pm- 2:50pm (SKN 0200) Warner, C
TuTh.....2:00pm- 2:50pm (MTH 0405) DIS
0331 MWF.....2:00pm- 2:50pm (SKN 0200) Warner, C
TuTh.....3:00pm- 3:50pm (MTH 0103) DIS
0332 MWF.....2:00pm- 2:50pm (SKN 0200) Warner, C
TuTh.....3:00pm- 3:50pm (MTH 0303) DIS
0711 MWF.....8:00am- 8:50am (ARM 0131) Owings Jr., J
TuTh.....8:00am- 8:50am (MTH 0101) DIS
0721 MWF.....8:00am- 8:50am (ARM 0131) Owings Jr., J
TuTh.....9:00am- 9:50am (MTH 0403) DIS
0731 MWF.....8:00am- 8:50am (ARM 0131) Owings Jr., J
TuTh.....10:00am-10:50am (MTH 0303) DIS
0741 MWF.....8:00am- 8:50am (ARM 0131) Owings Jr., J
TuTh.....12:00pm-12:50pm (MTH 0306) DIS

MATH150 (PermReq) Calculus I (Honors); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits
0111 TuTh.....2:00pm- 4:00pm (MTH 0104) Washington, L

MATH210 Elements of Mathematics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; MATH 210 is open only to the following majors: 08230-Educ Early Childhood, 0823X-Pre-Early Childhood Educ, 08020-Educ Elem, 0802X-Pre Elem Educ, 0808B-Spec Educ, 0808X-Prespecial Educ. — 4 credits
0101 MF.....8:00am- 8:50am (MTH B0425) STAFF
W.....8:00am-10:00am (MTH B0425)
0201 MF.....9:00am- 9:50am (MTH B0425) STAFF
Th.....8:00am-10:00am (MTH B0425)
0301 MTu.....11:00am-11:50am (MTH B0429) STAFF
W.....11:00am- 1:00pm (MTH B0429)
0401 MF.....1:00pm- 1:50pm (MTH B0429) STAFF
W.....1:00pm- 3:00pm (MTH B0429)
0501 MF.....2:00pm- 2:50pm (MTH B0429) STAFF
Th.....1:00pm- 3:00pm (MTH B0429)
0601 MF.....12:00pm-12:50pm (MTH B0429) STAFF
Th.....11:00am- 1:00pm (MTH B0429)

MATH211 Elements of Geometry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits
0101 MF.....8:00am- 8:50am (MTH B0427) STAFF
W.....8:00am-10:00am (MTH B0427)
0201 MF.....9:00am- 9:50am (MTH B0427) STAFF
Th.....8:00am-10:00am (MTH B0427)
0301 MF.....1:00pm- 1:50pm (MTH B0427) STAFF
W.....1:00pm- 3:00pm (MTH B0427)
0401 MF.....2:00pm- 2:50pm (MTH B0427) STAFF
Th.....1:00pm- 3:00pm (MTH B0427)
0501 MF.....1:00pm- 1:50pm (MTH 0306) STAFF
W.....1:00pm- 3:00pm (MTH 0306)

MATH220 Elementary Calculus I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses - MATH 220 and MATH 140. MATH 220 is not open to students majoring in mathematics, engineering or the physical sciences — 3 credits
0111 TuTh.....9:30am-10:45am (ARM 0131) Schneider, D
M.....8:00am- 8:50am (MTH 0409) DIS
0121 TuTh.....9:30am-10:45am (ARM 0131) Schneider, D
M.....9:00am- 9:50am (MTH 0409) DIS
0131 TuTh.....9:30am-10:45am (ARM 0131) Schneider, D
M.....10:00am-10:50am (MTH 0409) DIS
0141 TuTh.....9:30am-10:45am (ARM 0131) Schneider, D
M.....11:00am-11:50am (MTH 0409) DIS
0151 TuTh.....9:30am-10:45am (ARM 0131) Schneider, D
M.....1:00pm- 1:50pm (MTH 0409) DIS
0161 TuTh.....9:30am-10:45am (ARM 0131) Schneider, D
M.....2:00pm- 2:50pm (MTH 0409) DIS
0171 TuTh.....9:30am-10:45am (ARM 0131) Schneider, D
M.....3:00pm- 3:50pm (MTH 0409) DIS
0181 TuTh.....9:30am-10:45am (ARM 0131) Schneider, D
M.....4:00pm- 4:50pm (MTH 0409) DIS
0211 TuTh.....12:30pm- 1:45pm (ARM 0135) Greenberg, L
W.....8:00am- 8:50am (MTH 0409) DIS
0221 TuTh.....12:30pm- 1:45pm (ARM 0135) Greenberg, L
W.....9:00am- 9:50am (MTH 0409) DIS
0231 TuTh.....12:30pm- 1:45pm (ARM 0135) Greenberg, L
W.....10:00am-10:50am (MTH 0409) DIS
0241 TuTh.....12:30pm- 1:45pm (ARM 0135) Greenberg, L
W.....11:00am-11:50am (MTH 0409) DIS
0251 TuTh.....12:30pm- 1:45pm (ARM 0135) Greenberg, L
W.....1:00pm- 1:50pm (MTH 0409) DIS
0261 TuTh.....12:30pm- 1:45pm (ARM 0135) Greenberg, L
W.....2:00pm- 2:50pm (MTH 0409) DIS
0271 TuTh.....12:30pm- 1:45pm (ARM 0135) Greenberg, L
W.....3:00pm- 3:50pm (MTH 0409) DIS
0281 TuTh.....12:30pm- 1:45pm (ARM 0135) Greenberg, L
W.....4:00pm- 4:50pm (MTH 0409) DIS
0311 TuTh.....2:00pm- 3:15pm (ARM 0131) Greenberg, L
F.....8:00am- 8:50am (MTH 0409) DIS
0321 TuTh.....2:00pm- 3:15pm (ARM 0131) Greenberg, L
F.....9:00am- 9:50am (MTH 0409) DIS
0331 TuTh.....2:00pm- 3:15pm (ARM 0131) Greenberg, L
F.....10:00am-10:50am (MTH 0409) DIS
0341 TuTh.....2:00pm- 3:15pm (ARM 0131) Greenberg, L
F.....11:00am-11:50am (MTH 0409) DIS
0351 TuTh.....2:00pm- 3:15pm (ARM 0131) Greenberg, L
F.....1:00pm- 1:50pm (MTH 0409) DIS
0361 TuTh.....2:00pm- 3:15pm (ARM 0131) Greenberg, L
F.....2:00pm- 2:50pm (MTH 0409) DIS
0371 TuTh.....2:00pm- 3:15pm (ARM 0131) Greenberg, L
F.....3:00pm- 3:50pm (MTH 0409) DIS
0381 TuTh.....2:00pm- 3:15pm (ARM 0131) Greenberg, L
F.....4:00pm- 4:50pm (MTH 0409) DIS
0411 MWF.....8:00am- 8:50am (SKN 0200) Sweet, D
Th.....8:00am- 8:50am (MTH 0409) DIS
0421 MWF.....8:00am- 8:50am (SKN 0200) Sweet, D
Th.....9:00am- 9:50am (MTH 0409) DIS
0431 MWF.....8:00am- 8:50am (SKN 0200) Sweet, D
Th.....10:00am-10:50am (MTH 0409) DIS
0441 MWF.....8:00am- 8:50am (SKN 0200) Sweet, D
Th.....11:00am-11:50am (MTH 0409) DIS
0511 MWF.....2:00pm- 2:50pm (ARM 0135) Lay, D
Tu.....8:00am- 8:50am (MTH 0409) DIS
0521 MWF.....2:00pm- 2:50pm (ARM 0135) Lay, D
Tu.....9:00am- 9:50am (MTH 0409) DIS
0531 MWF.....2:00pm- 2:50pm (ARM 0135) Lay, D
Tu.....10:00am-10:50am (MTH 0409) DIS
0541 MWF.....2:00pm- 2:50pm (ARM 0135) Lay, D
Tu.....11:00am-11:50am (MTH 0409) DIS
0551 MWF.....2:00pm- 2:50pm (ARM 0135) Lay, D
Tu.....1:00pm- 1:50pm (MTH 0409) DIS
0561 MWF.....2:00pm- 2:50pm (ARM 0135) Lay, D
Tu.....2:00pm- 2:50pm (MTH 0409) DIS
0571 MWF.....2:00pm- 2:50pm (ARM 0135) Lay, D
Tu.....3:00pm- 3:50pm (MTH 0409) DIS
0581 MWF.....2:00pm- 2:50pm (ARM 0135) Lay, D
Tu.....4:00pm- 4:50pm (MTH 0409) DIS

MATH221 Elementary Calculus II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses - MATH 221 and MATH 141. MATH 221 is not open to students majoring in mathematics, engineering or the physical Sciences. — 3 credits
0111 TuTh.....11:00am-12:15pm (ARM 0131) Zedek, M
W.....8:00am- 8:50am (MTH 0407) DIS
0121 TuTh.....11:00am-12:15pm (ARM 0131) Zedek, M
W.....9:00am- 9:50am (MTH 0407) DIS
0131 TuTh.....11:00am-12:15pm (ARM 0131) Zedek, M
W.....10:00am-10:50am (MTH 0407) DIS
0141 TuTh.....11:00am-12:15pm (ARM 0131) Zedek, M
W.....11:00am-11:50am (MTH 0407) DIS
0211 TuTh.....12:30pm- 1:45pm (JMZ 0220) Goldberg, S
F.....8:00am- 8:50am (MTH 0407) DIS
0221 TuTh.....12:30pm- 1:45pm (JMZ 0220) Goldberg, S
F.....9:00am- 9:50am (MTH 0407) DIS
0231 TuTh.....12:30pm- 1:45pm (JMZ 0220) Goldberg, S
F.....10:00am-10:50am (MTH 0407) DIS
0241 TuTh.....12:30pm- 1:45pm (JMZ 0220) Goldberg, S
F.....11:00am-11:50am (MTH 0407) DIS

MATH240 Introduction to Linear Algebra; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For each of the following pairs, credit will be given for only one of two listed courses - MATH 240 and MATH 400, MATH 240 and MATH 461. — 4 credits
0111 MWF.....10:00am-10:50am (JMZ 0220) STAFF
TuTh.....9:00am- 9:50am (MTH 0405) DIS
0112 MWF.....10:00am-10:50am (JMZ 0220) STAFF
TuTh.....9:00am- 9:50am (MTH 0201) DIS

0121	MWF.....10:00am-10:50am (JMZ 0220)		STAFF
	TuTh.....10:00am-10:50am (MTH 0306)	DIS	
0131	MWF.....10:00am-10:50am (JMZ 0220)		STAFF
	TuTh.....11:00am-11:50am (MTH 0306)	DIS	
0511	MWF.....12:00pm-12:50pm (ARM 0135)		Boyle, M
	TuTh.....10:00am-10:50am (MTH 0307)	DIS	
0521	MWF.....12:00pm-12:50pm (ARM 0135)		Boyle, M
	TuTh.....11:00am-11:50am (MTH 0307)	DIS	
0531	MWF.....12:00pm-12:50pm (ARM 0135)		Boyle, M
	TuTh.....12:00pm-12:50pm (MTH 0307)	DIS	
0541	MWF.....12:00pm-12:50pm (ARM 0135)		Boyle, M
	TuTh .....1:00pm- 1:50pm (MTH 0307)	DIS	

MATH240H (PermReq) — Introduction to Linear Algebra; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For each of the following pairs, credit will be given for only one of the two listed courses--MATH 240H and MATH 400, MATH 240H and 461. — 4 credits

2011	TuTh.....2:00pm- 4:00pm (MTH 0107)	Alexander, J

MATH241 — Calculus III; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits

1411	MWF.....10:00am-10:50am (ARM 0126)		Antman, S
	TuTh.....10:00am-10:50am (MTH 0403)	DIS	
1412	MWF.....10:00am-10:50am (ARM 0126)		Antman, S
	TuTh.....10:00am-10:50am (MTH 0103)	DIS	
1421	MWF.....10:00am-10:50am (ARM 0126)		Antman, S
	TuTh.....11:00am-11:50am (MTH 0403)	DIS	
1422	MWF.....10:00am-10:50am (ARM 0126)		Antman, S
	TuTh.....11:00am-11:50am (MTH 0303)	DIS	
1431	MWF.....10:00am-10:50am (ARM 0126)		Antman, S
	TuTh.....12:00pm-12:50pm (MTH B0421)	DIS	
1441	MWF.....10:00am-10:50am (ARM 0126)		Antman, S
	TuTh.....1:00pm- 1:50pm (MTH 0403)	DIS	
1501	MWF.....8:00am- 8:50am (MTH 0411)		Good, R
	Tu.....8:00am- 8:50am (MTH 0411)	DIS	
1601	MWF.....9:00am- 9:50am (MTH 0411)		Cook, C
	M.....10:00am-10:50am (MTH 0407)	DIS	
1701	MW.....2:00pm- 2:50pm (MTH 0411)		Green, P
	TuTh.....2:00pm- 2:50pm (MTH 0411)	DIS	
1801	MWF.....11:00am-11:50am (MTH 0405)		Cohen, J
	Tu.....11:00am-11:50am (MTH 0411)	DIS	
1901	MWF.....11:00am-11:50am (MTH 0411)		Knox, N
	F.....10:00am-10:50am (MTH 0411)	DIS	
2001	MWF.....12:00pm-12:50pm (MTH 0405)		Currier, A
	Th.....12:00pm-12:50pm (MTH 0407)	DIS	
2101	MWF.....12:00pm-12:50pm (MTH 0302)		Lehner, G
	Tu.....12:00pm-12:50pm (CHM 0122)	DIS	
2201	MWF.....1:00pm- 1:50pm (MTH 0405)		Guo, B
	Th.....1:00pm- 1:50pm (MTH 0407)	DIS	
2301	MWF.....1:00pm- 1:50pm (MTH 0411)		Pearl, M
	F.....2:00pm- 2:50pm (MTH 0411)	DIS	
2401	TuTh.....11:00am-12:15pm (MTH B0423)		Vogelius, M
	F.....11:00am-11:50am (MTH B0429)	DIS	
2501	TuTh.....12:30pm- 1:45pm (MTH 0405)		Green, P
	W.....11:00am-11:50am (MTH B0427)	DIS	
2601	MWF.....12:00pm-12:50pm (MTH B0427)		Olver, F
	F.....11:00am-11:50am (MTH B0427)	DIS	

MATH246 — Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits

0201	MWF.....8:00am- 8:50am (MTH 0104)	STAFF
0301	MWF.....10:00am-10:50am (MTH 0106)	Kueker, D
0401	MWF.....10:00am-10:50am (MTH 0307)	Cohen, J
0501	MWF.....11:00am-11:50am (MTH 0306)	Gray, A
0601	MWF.....12:00pm-12:50pm (MTH 0409)	Herb, R
0701	TuTh.....11:00am-12:15pm (MTH B0427)	Schafer, J
0801	TuTh.....11:00am-12:15pm (MTH B0425)	Maddocks, J
0901	TuTh.....12:30pm- 1:45pm (MTH 1313)	Arnold, D
1001	TuTh.....12:30pm- 1:45pm (MTH 1308)	Hamilton, D
1101	TuTh.....2:00pm- 3:15pm (MTH B0425)	Reinhart, B
1201	TuTh.....3:30pm- 4:45pm (MTH B0425)	Berenstein, C
1301	MWF.....11:00am-11:50am (MTH 0403)	STAFF

MATH250 (PermReq) — Calculus III (Honors); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits

0111	TuTh.....2:00pm- 4:00pm (MTH 0301)	Berg, K

MATH299A — Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH299B — Selected Topics in Mathematics: Numerical Analysis; Grade Method: REG/P-F/AUD; Prerequisite: MATH 141. — 3 credits

0201	MWF.....11:00am-11:50am (MTH 0302)	Correl, E

MATH386 — Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH387 — Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH400 (PermReq) — Vectors and Matrices; Grade Method: REG/P-F/AUD; For each of the following pairs, credit will be given for only one of the two listed courses - MATH 400 and MATH 240, MATH 400 and MATH 461. MATH 400 is not open to students in the CMPS College. — 3 credits

0101	MWF.....10:00am-10:50am (MTH 0302)	Lay, D

MATH401 — Applications of Linear Algebra; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (MTH 0305)	STAFF
0201	MWF.....12:00pm-12:50pm (MTH B0421)	Dancis, J
0301	MWF.....12:00pm-12:50pm (MTH 0105)	STAFF

MATH402 — Algebraic Structures; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses - MATH 402 and MATH 403. MATH 402 is not open to mathematics graduate students or to undergraduates interested in continuing to graduate school in mathematics. — 3 credits

0101	TuTh.....8:00am- 9:15am (MTH 0305)	Schneider, D

MATH403 — Introduction to Abstract Algebra; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses - MATH 403 and MATH 402. — 3 credits

0101	MWF.....1:00pm- 1:50pm (MTH 1311)	Horvath, J

MATH405 — Linear Algebra; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (MTH 0104)	Goldberg, S

MATH406 — Introduction to Number Theory; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0201	TuTh.....11:00am-12:15pm (MTH 0105)	Ehrlich, G
0301	MWF.....11:00am-11:50am (MTH B0421)	Good, R

MATH410 (PermReq) — Advanced Calculus I; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (MTH 1308)	Cooper, J
0201	MWF.....11:00am-11:50am (MTH 1308)	Gulick, D
0301	MWF.....10:00am-10:50am (MTH 1308)	Jones, C
0401	MWF.....9:00am- 9:50am (MTH 1308)	Fitzpatrick, P

MATH411 (PermReq) — Advanced Calculus II; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (MTH 0302)	Brace, J
0201	MWF.....10:00am-10:50am (MTH 0103)	Sweet, D

MATH414 — Differential Equations; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (MTH 1313)	Douglis, A

MATH415 — Introduction to Partial Differential Equations; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (MTH 1311)	Neri, U

MATH430 — Euclidean and Non-Euclidean Geometries; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	TuTh.....11:00am-12:15pm (MTH 1313)	Reinhart, B
0201	TuTh.....2:00pm- 3:15pm (MTH 0304)	Winkelkemper, H

MATH432 — Introduction to Point Set Topology; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (MTH B0423)	Dancis, J

MATH436 — Introduction to Differential Geometry; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (MTH 0401)	Douglis, A

MATH444 — Elementary Logic and Algorithms; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (EGR 2107)	Perlis, D

MATH447 — Introduction to Mathematical Logic; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (MTH 0425)	Lopez-Escobar,

MATH461 — Linear Algebra For Scientists and Engineers; Grade Method: REG/P-F/AUD; For each of the following pairs, credit will be given for only one of the two listed courses: MATH 461 and MATH 240, MATH 461 and MATH 400. MATH 461 cannot be used to meet the upper level math requirements for MATH/STAT majors. — 3 credits

0201	MWF.....9:00am- 9:50am (MTH B0421)	Ellis, R
0301	MWF.....12:00pm-12:50pm (MTH 0407)	Fitzpatrick, P
0401	MWF.....2:00pm- 2:50pm (MTH 0405)	Helzer, G
0501	MWF.....12:00pm-12:50pm (MTH 0306)	STAFF
0601	MWF.....1:00pm- 1:50pm (MTH 0407)	STAFF
0901	TuTh.....8:00am- 9:15am (MTH 0105)	Hummel, J
1001	MWF.....9:00am- 9:50am (MTH 0302)	Kleppner, A

MATH462 — Partial Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses - MATH 462 and MATH 415. — 3 credits

0101	MWF.....11:00am-11:50am (MTH 1313)	Chu, H
0201	MWF.....10:00am-10:50am (MTH 0101)	Currier, A
0301	TuTh.....9:30am-10:45am (MTH 0105)	Sather, J
0401	MWF.....10:00am-10:50am (MTH B0427)	STAFF

MATH463 — Complex Variables For Scientists and Engineers; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses - MATH 463 and MATH 413. — 3 credits

0101	TuTh.....9:30am-10:45am (MTH 1308)	Adams, J
0201	MWF.....1:00pm- 1:50pm (MTH 1308)	Correl, E
0401	MWF.....10:00am-10:50am (MTH 0306)	Helzer, G
0501	MWF.....11:00am-11:50am (MTH 0307)	Kleppner, A
0601	TuTh.....12:30pm- 1:45pm (MTH 0105)	Sather, J
0701	TuTh.....2:00pm- 3:15pm (MTH 0403)	Zedek, M
0801	MWF.....8:00am- 8:50am (MTH B0421)	Kirwan, W
1001	TuTh.....3:30pm- 4:45pm (MTH 0304)	Winkelkemper, H

MATH464 — Transform Methods For Scientists and Engineers; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (MTH 0103)	Chu, H
0201	MWF.....11:00am-11:50am (MTH 0103)	Johnson, R

MATH475 — Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (MTH 1311)	Adams, J

MATH478A — Selected Topics For Teachers of Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117. — 1-3 credits

MATH498A — Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

MATH498B — Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

MATH498C — Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

MATH498D — Selected Topics in Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

MATH600 — Abstract Algebra I; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (MTH B0423)	Schafer, J

MATH608A — Selected Topics in Algebra; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH608B — Selected Topics in Algebra: Selected Topics in Number Theory; Grade Method: REG/AUD; — 3 credits

0201	TuTh.....11:00am-12:15pm (MTH B0431)	Zagier, D

MATH608C — Selected Topics in Algebra: Selected Topics In Number Theory; Grade Method: REG/AUD; — 3 credits

0301	MWF.....2:00pm- 2:50pm (MTH B0431)	Kudla, S

MATH620 — Algebraic Number Theory I; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (MTH 0107)	Washington, L

MATH630 — Real Analysis I; Grade Method: REG/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (MTH B0423)	Lipsman, R
0201	MWF.....1:00pm- 1:50pm (MTH B0425)	Neri, U

MATH632 — Functional Analysis; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (MTH B0425)	Gohberg, I

MATH634 — Harmonic Analysis; Grade Method: REG/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (MTH 0107)	Warner, C

MATH648A — Selected Topics in Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH648B — Selected Topics in Analysis: Selected Topics in Dynamical Systems; Grade Method: REG/AUD; — 3 credits

0201	Time and room to be arranged	Rudolph, D

MATH648C — Selected Topics in Analysis: Selected Topics in Operator Theory; Grade Method: REG/AUD; — 3 credits

0301	TuTh.....9:30am-10:45am (MTH 0301)	Gohberg, I

MATH648D — Selected Topics in Analysis: Differential Equations and Groups; Grade Method: REG/AUD; — 3 credits

0401	TuTh.....2:00pm- 3:15pm (MTH B0431)	Millson, M

MATH648E — Selected Topics in Analysis: Selected Topics in Stochastic Processes; Grade Method: REG/AUD; — 3 credits

0501	TuTh.....2:00pm- 3:15pm (MTH B0423)	Freidlin, M

MATH660 — Complex Analysis I; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (MTH 0302)	Berenstein, C

MATH668A — Selected Topics in Complex Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH668B — Selected Topics in Complex Analysis: Singular Integrals Harmonic and Complex Analysis; Grade Method: REG/AUD; — 3 credits

0201	TuTh.....11:00am-12:15pm (MTH 0301)	Hamilton, D

MATH670 — Ordinary Differential Equations I; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (MTH 0302)	Markley, N

MATH673 — Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (MTH 0105)	Liu, T

MATH680 — Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD; — 3 credits

0101	MWF.....2:00pm- 2:50pm (MTH 1308)	Antman, S

MATH685 — Modern Methods in Partial Differential Equations I; Grade Method: REG/AUD; — 3 credits

0101	MWF.....2:00pm- 2:50pm (MTH 0302)	Evans, L

MATH710 — Consistency Proofs in Set Theory; Grade Method: REG/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (MTH B0423)	Owings Jr., J

MATH712 — Mathematical Logic I; Grade Method: REG/AUD; — 3 credits

0101	MWF.....11:00am-11:50am (MTH B0431)	Kueker, D

MATH718A — Selected Topics in Mathematical Logic; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH730 — Fundamental Concepts of Topology; Grade Method: REG/AUD; — 3 credits

0101	MWF.....12:00pm-12:50pm (MTH 0401)	Rosenberg, J

MATH740 — Riemannian Geometry; Grade Method: REG/AUD; — 3 credits

0101	TuTh.....3:30pm- 4:45pm (MTH 0411)	Goldman, W

MATH744 — Lie Groups I; Grade Method: REG/AUD; — 3 credits

0101	MWF.....9:00am- 9:50am (MTH B0431)	Gray, A

MATH748A — Selected Topics in Geometry and Topology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH748B — Selected Topics in Geometry and Topology: Selected Topics In Topology (Morse Theory); Grade Method: REG/AUD; — 3 credits

0201	TuTh.....12:30pm- 1:45pm (MTH B0431)	King, H

MATH799 — Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MATH899 — Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

MEES Marine-Estuarine-Environmental Sciences (Life Sciences)

MEES440 — Essentials of Toxicology; Grade Method: REG/P-F/AUD; — 2 credits

0101	W.....4:00pm- 6:00pm (HZF 1108)	Eccles, C

MEES608A — Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; — 1 credit

0101	Tu.....4:00pm- 6:00pm (SYM 0200)	Menzer, R

MEES608B — Seminar in Marine-Estuarine-Environmental Sciences: Chemistry/Geochemistry; Grade Method: REG/AUD; Course given at Chesapeake Biological Laboratory. — 1 credit

0101	Time and room to be arranged	STAFF

MEES608C — Seminar in Marine-Estuarine-Environmental Sciences: Development of Ecological Thought; Grade Method: REG/AUD; Course given at Horn Point Environmental Laboratory. — 1 credit

0101	Time and room to be arranged	Kemp, W

MEES608D — Seminar in Marine-Estuarine-Environmental Sciences: Current Research in Invertebrate Zoology; Grade Method: REG/AUD; Course given at Horn Point Environmental Lab. — 1 credit

0101	Time and room to be arranged	Kennedy, V

MEES608E — Seminar in Marine-Estuarine-Environmental Sciences: Seminar in Wildlife/Fisheries; Grade Method: REG/AUD; Course given at Appalachian Environmental Laboratory. — 1 credit

0101	Time and room to be arranged	STAFF

MEES681 — Coastal Resource Use, Law and Management: the Chesapeake; Grade Method: REG/AUD; — 3 credits

0101	Tu.....6:00pm- 8:30pm (SYM 0200)	Strand Jr., I

MEES698K — Special Topics in Marine-Estuarine-Environmental Sciences: Physics and Geology of Marine and Estuarine Environments; Grade Method: REG/AUD; — 3 credits

0101	Th.....9:30am-12:15pm (EGR 1110)	Boicourt, W

MEES698P — Special Topics in Marine-Estuarine-Environmental Sciences: Fisheries Science; Grade Method: REG/AUD; Course given at Chesapeake Biological Laboratory. — 3 credits

0101	MW.....1:30pm- 2:45pm (Arranged)	Houde, E

MEES698S — Special Topics in Marine-Estuarine-Environmental Sciences: Wildlife Habitat Management and Analysis; Grade Method: REG/AUD; Course given at Appalachian Environmental Lab. — 3 credits

0101	Time and room to be arranged	Gates, J

MEES698T — Special Topics in Marine-Estuarine-Environmental Sciences: Fisheries Biology and Behavior; Grade Method: REG/AUD; Course given at Appalachian Environmental Lab. — 3 credits

0101	Time and room to be arranged	Mc Kaye, K

MEES698U — Special Topics in Marine-Estuarine-Environmental Sciences: Biodynamics of the Sea.; Grade Method: REG/AUD; Course given at Chesapeake Biological Lab. — 3 credits

0101	MW.....10:30am-11:45am (Arranged)	Rothschild, B

MEES698V — Special Topics in Marine-Estuarine-Environmental Sciences: Evolution, Ecology and Management of African Great Lakes Fishes; Grade Method: REG/AUD; Course given at Appalachian Environmental Lab. — 3 credits

0101	W.....3:00pm- 6:00pm (Arranged)	Mc Kaye, K

MEES698W — Special Topics in Marine-Estuarine-Environmental Sciences: Low-Temperature Geochemistry; Grade Method: REG/AUD; — 3 credits

0101	W.....2:00pm- 4:45pm (HZF 1101)	Rice, D

MEES699 (PermReq) — Special Problems in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MEES799 (PermReq) — Masters Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number — 1-6 credits

MEES899 (PermReq) — Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

METO Meteorology (Comp, Math, & Phys Sci)

METO100 — Weather and Life; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits

0101	TuTh.....11:00am-12:15pm (CLB 0111)	Thompson, O

METO386 — Field Work; Grade Method: REG/P-F/AUD; — 1 credit

0101	Time and room to be arranged	STAFF

METO387 — Field Work Analysis; Grade Method: REG/P-F/AUD; — 2 credits

0101	Time and room to be arranged	STAFF

METO410 — General Meteorology I; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (CSS 2114)	Atlas, R

METO416 — Introduction to Atmospheric Dynamics; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....9:00am- 9:50am (CSS 2114)	Lau, K

METO434 — Air Pollution; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (CHM 0127)	Dickerson, R

METO461 (PermReq) — Synoptic Meteorology II; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....1:00pm- 1:50pm (CSS 2114)	Huffman, G

METO499 (PermReq) — Special Problems in Atmospheric Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

METO611 — Dynamic Meteorology II; Grade Method: REG/AUD; — 3 credits

0101	Time and room to be arranged	Rao, D

METO617 — General Circulation of the Atmosphere; Grade Method: REG/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (CSS 2114)	Vernekar, A

METO620 — Atmospheric Radiation; Grade Method: REG/AUD; — 3 credits

0101 TuTh.....8:00am- 9:15am (CSS 2114) Ellingson, R

#MET0640 Micro-meteorology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2114) Pinker, R

MET0658E (PermReq) Special Topics in Meteorology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

#MET0799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MET0899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MICB Microbiology (Life Sciences)

MICB100 Basic Microbiology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 MWF.....10:00am-10:50am (HJP 2242) Cook, T
MW.....9:00am-10:00am (SKN 2113) LAB
0102 MWF.....10:00am-10:50am (HJP 2242) Cook, T
MW.....11:00am-12:00pm (SKN 2113) LAB
0103 MWF.....10:00am-10:50am (HJP 2242) Cook, T
MW.....1:00pm- 2:00pm (SKN 2113) LAB
0104 MWF.....10:00am-10:50am (HJP 2242) Cook, T
MW.....2:00pm- 3:00pm (SKN 2113) LAB
0105 MWF.....10:00am-10:50am (HJP 2242) Cook, T
MW.....12:00pm- 1:00pm (SKN 2113) LAB
0106 MWF.....10:00am-10:50am (HJP 2242) Cook, T
MW.....3:00pm- 4:00pm (SKN 2113) LAB

MICB200 General Microbiology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: two semesters of chemistry. Required for all MICB majors and prerequisite for all other departmental courses for MICB majors. Labs will start on first day of classes. 4 credits
0101 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
MW.....9:00am-11:00am (SKN 2105) LAB
0102 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
MW.....9:00am-11:00am (SKN 2109) LAB
0103 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
MW.....12:00pm- 2:00pm (SKN 2105) LAB
0104 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
MW.....12:00pm- 2:00pm (SKN 2109) LAB
0106 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
MW.....2:00pm- 4:00pm (SKN 2105) LAB
0107 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
MW.....2:00pm- 4:00pm (SKN 2109) LAB
0109 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
TuTh.....9:00am-11:00am (SKN 2105) LAB
0110 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
TuTh.....9:00am-11:00am (SKN 2109) LAB
0112 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
TuTh.....12:00pm- 2:00pm (SKN 2105) LAB
0113 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
TuTh.....12:00pm- 2:00pm (SKN 2109) LAB
0115 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
TuTh.....2:00pm- 4:00pm (SKN 2105) LAB
0116 TuTh.....11:00am-11:50am (SKN 0200) Smith, A
TuTh.....2:00pm- 4:00pm (SKN 2109) LAB

MICB379 (PermReq) Honors Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. 2-3 credits

MICB380 Bacterial Genetics; Grade Method: REG/P-F/AUD; Prerequisites: CHEM 233, CHEM 243, and 4 credits of microbiology. 4 credits
0101 TuTh.....11:00am-11:50am (SKN 0124) Voll, M
TuTh.....2:00pm- 4:00pm (SKN 2122) LAB
0102 TuTh.....11:00am-11:50am (SKN 0124) Voll, M
TuTh.....2:00pm- 4:00pm (SKN 2119) LAB

MICB388 Special Topics in Microbiology; Grade 1-4 credits

(PermReq) Method: REG/P-F/AUD; Prerequisite: two lab courses in microbiology. May be repeated but only 4 credits may be applied to major requirements.
0101 Time and room to be arranged Joseph, S

MICB388B Special Topics in Microbiology: Special Topics in Microbiology Research Projects; Grade Method: REG/P-F/AUD; Prerequisite: two lab courses in microbiology. May be repeated but only four credits may be applied to major requirements. 1-4 credits
0101 Time and room to be arranged Joseph, S

MICB388C Special Topics in Microbiology: Unusual and Extraordinary Pathogenic Microorganisms; Grade Method: REG/P-F/AUD; Prerequisite: MICB 440 or permission of instructor. 3 credits
0101 MW.....4:00pm- 5:30pm (SKN 0124) Datta, A

MICB399 (PermReq) Microbiological Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 16 credits in MICB. May be repeated, but only 3 credits can be applied to major requirements. 3 credits

MICB440 Pathogenic Microbiology; Grade Method: REG/P-F/AUD; 4 credits
0101 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....9:00am-11:00am (SKN 2113) LAB
0102 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....9:00am-11:00am (SKN 2106) LAB
0103 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....11:00am- 1:00pm (SKN 2113) LAB
0104 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....11:00am- 1:00pm (SKN 2106) LAB
0105 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....1:00pm- 3:00pm (SKN 2113) LAB
0106 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....1:00pm- 3:00pm (SKN 2106) LAB
0107 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....3:00pm- 5:00pm (SKN 2113) LAB
0108 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....3:00pm- 5:00pm (SKN 2106) LAB

MICB470 Microbial Physiology; Grade Method: REG/AUD; Prerequisites: 8 credits in MICB and BCHM 461, 462. 3 credits
0101 MWF.....11:00am-11:50am (SKN 0124) MacQuillan, A

MICB480 Microbial Ecology; Grade Method: REG/P-F/AUD; Prerequisites: MICB 200 and one course in organic chemistry. 3 credits
0101 MWF.....1:00pm- 1:50pm (SKN 0124) Weiner, R

MICB688 (PermReq) Special Topics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

MICB688A (PermReq) Special Topics: Current Topics in Immunology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Roberson, B

MICB688B (PermReq) Special Topics: Current Topics in Virology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hetrick, F

MICB688C (PermReq) Special Topics: Selected Topics in Marine Biotechnology; Grade Method: REG/AUD; 1 credit
0101 F.....1:00pm- 2:00pm (SKN 2131A) Weiner, R

MICB688D (PermReq) Special Topics: Current Topics in Molecular Biology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Stein, D

MICB688E (PermReq) Special Topics: Current Topics in Microbiological Genetics; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Voll, M

MICB688G (PermReq) Special Topics: Current Topics in Fermentation Microbiology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Cook, T

MICB688J (PermReq) Special Topics: Current Topics in Bacterial Pathogenesis; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Joseph, S

MICB688K (PermReq) Special Topics: Current Topics in Systematics; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Colwell, R

MICB688L Special Topics: Unusual and Extraordinary Pathogenic Microorganisms; Grade Method: REG/AUD; Prerequisite: MICB 440 or permission of instructor. 3 credits
0101 MW.....4:00pm- 5:30pm (SKN 0124) Datta, A

MICB788 (PermReq) Seminar; Grade Method: REG/AUD; 1 credit
0101 TuTh.....2:00pm- 2:50pm (SKN 0124) MacQuillan, A
F.....12:00pm-12:50pm (SKN 0124)
F.....3:00pm- 5:00pm (SKN 0124) DIS

MICB799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MICB899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

MUED Music Education (Education)

MUED411 Instrumental Music: Methods and Materials For the Elementary School; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:00am-11:00am (TWS 1123) Sparks, L
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUED470 General Concepts For Teaching Music; Grade Method: REG/AUD; Concurrent registration in MUED 411 or MUED 471 required. Limited to music education majors. 1 credit
0101 TuTh.....11:30am-12:30pm (TWS 3238) Saunders, C

MUED471 Methods For Teaching Elementary General Music; Grade Method: REG/AUD; Concurrent registration in MUED 470 required. Limited to music education majors. 3 credits
0101 TuTh.....9:00am-11:00am (TWS 3238) Baker, D

MUED499A Workshops, Clinics, Institutes: Measurement and Evaluation of Music Teaching and Learning; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:30pm (TWS 3132) Saunders, C

MUED499B Workshops, Clinics, Institutes: Using Music to Foster Student Development; Grade Method: REG/AUD; Open to special education, early childhood and music teachers. 3 credits
0101 W.....6:30pm- 9:00pm (TWS 3131) Baker, D

MUED692 Foundations of Music Education; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3238) Folstrom, R

MUED698A Current Trends in Music Education: Measurement and Evaluation of Music Teaching and Learning; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:30pm (TWS 3132) Saunders, C

MUED698B Current Trends in Music Education: Using Music to Foster Student Development; Grade Method: REG/AUD; Open to special education, early childhood and music teachers. 3 credits
0101 W.....6:30pm- 9:00pm (TWS 3131) Baker, D

MUSC Music (Arts and Humanities)

MUSC100A Beginning Class Voice; Grade Method: REG; Limited to non-music majors. 2 credits
0101 TuTh.....9:00am- 9:50am (TWS 3116) Barefield, M
0201 MW.....10:00am-10:50am (TWS 3228) Barefield, M
0301 MW.....9:00am- 9:50am (TWS 1123) Barefield, M
0401 MW.....12:00pm-12:50pm (TWS 3228) Chipman, P
0501 MW.....11:00am-11:50am (TWS 2138) Chipman, P
0601 TuTh.....11:00am-11:50am (TWS 3228) Chipman, P
0701 MW.....1:00pm- 1:50pm (TWS 3228) Tate, M
0801 MW.....2:00pm- 2:50pm (TWS 3228) Tate, M

MUSC102 Beginning Class Piano I; Grade Method: REG; Limited to MUED and MUSC majors with little or no piano experience. 2 credits
0101 MWF.....12:00pm-12:50pm (TWS 3218) Elliston, R

MUSC102A Beginning Class Piano I; Grade Method: REG; Limited to MUED and MUSC majors with previous piano experience. 2 credits
0101 MWF.....10:00am-10:50am (TWS 3218) Elliston, R

MUSC102B Beginning Class Piano I; Grade Method: REG/P-F; Limited to non-music majors. 2 credits
0101 TuTh.....9:30am-10:45am (TWS 3218) Ohtake, N
0201 TuTh.....12:30pm- 1:45pm (TWS 3218) Rivera, L

MUSC113 Class Study: Violin; Grade Method: REG/AUD; Limited to MUED majors. 2 credits
0101 MWF.....9:00am- 9:50am (TWS 1102) Berman, J

MUSC116 Class Study: Clarinet; Grade Method: REG/AUD; Limited to MUED majors. 2 credits
0101 MWF.....10:00am-10:50am (TWS 1102) Barnett, R
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC120 Class Study: Cornet; Grade Method: REG/AUD; Limited to MUED majors. 2 credits
0101 MWF.....8:00am- 8:50am (TWS 1102) Sparks, L
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC123 Movement For Singers; Grade Method: REG/P-F/AUD; 1 credit
0101 MW.....11:00am-11:50am (TWS 3228) Balthrop, C

MUSC128 Sight Reading For Pianists; Grade Method: REG; 2 credits
0101 TuTh.....10:00am-10:50am (TWS 3129) Garvey, E

MUSC129A Ensemble: Chamber Music - Strings; Grade Method: REG; 1 credit
0101 TBA (TWS 2239) Berman, J
0201 TBA (TWS 3120B) Elsing, E
0301 Time and room to be arranged Steinhardt, A
0401 Time and room to be arranged Tree, M
0501 Time and room to be arranged Soyer, D
0601 Time and room to be arranged Dalley, J

MUSC129B Ensemble: Chamber Music - Woodwinds; Grade Method: REG; 1 credit
0101 TBA (TWS 3125) Montgomery, W
0301 TBA (TWS 1127) Jackson, R
0401 TBA (TWS 3145) Walters, E

MUSC129C Ensemble: Chamber Music - Brasses; Grade Method: REG; 1 credit
0101 TBA (TWS 2229) Olson, O
0201 TBA (TWS 3121) Head, E
0301 Time and room to be arranged Sparks, L

MUSC129D Ensemble: Chamber Music - Clarinet Choir; Grade Method: REG; 1 credit
0101 MF.....2:00pm- 2:50pm (TWS 1123) Heim, N

MUSC129E Ensemble: Chamber Music - Brass Choir; Grade Method: REG; 1 credit
0101 MW.....12:00pm-12:50pm (TWS 1102) Olson, O

MUSC129F Ensemble: Chamber Music - Percussion Ensemble; Grade Method: REG; 1 credit
0101 TuTh.....11:00am-12:15pm (TWS 1102) Barnett, R

MUSC129G Ensemble: Chamber Music - Percussion Keyboard Ensemble; Grade Method: REG; 1 credit
0101 TBA (TWS 1205) Barnett, R

MUSC129I Ensemble: Chamber Music - Twentieth Century Ensemble; Grade Method: REG; 1 credit
0101 Time and room to be arranged Gibson, R

MUSC129J Ensemble: Chamber Music - Jazz Ensemble; Grade Method: REG; 1 credit
0101 MW.....5:30pm- 7:00pm (TWS 1102) Ross, G
0201 MWF.....1:00pm- 1:50pm (TWS 1102) Ross, G

MUSC129K Ensemble: Chamber Music - Non-Western Ensemble; Grade Method: REG; 1 credit
0101 TBA (TWS 3108) Robertson, C

#MUSC129L Ensemble: Chamber Music Mixed Media; Grade Method: REG; 1 credit
0101 TBA (TWS 3125) Montgomery, W

#MUSC129M Ensemble: Chamber Music - Flute Choir; Grade Method: REG; 1 credit
0101 TuTh.....2:00pm- 3:15pm (TWS 3116) Montgomery, W

#MUSC129T Ensemble: Tuba; Grade Method: REG/AUD; 1 credit
0101 MW.....11:00am-12:00pm (TWS 1102) Sparks, L

MUSC130 Survey of Music Literature; Grade Method: REG/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Limited to non-music majors. 3 credits
0101 MWF.....10:00am-10:50am (TWS 2102) Traver, P
0201 TuTh.....9:30am-10:45am (TWS 2102) Davis, S

#MUSC140 Music Fundamentals I; Grade Method: REG/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Limited to non-music majors. 3 credits
0101 MWF.....11:00am-11:50am (TWS 3238) Boulton, K
0201 TuTh.....8:00am- 9:30am (TWS 2102) Olson, O
0301 MWF.....9:00am- 9:50am (TWS 2102) Boulton, K

#MUSC150 Theory of Music I; Grade Method: REG; Open only to majors in music and music education. 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2123) Gibson, R
TuTh.....9:00am- 9:50am (TWS 2123) LAB
0102 MWF.....9:00am- 9:50am (TWS 2123) Gibson, R
TuTh.....9:00am- 9:50am (TWS 2138) LAB
0201 TuThF.....9:00am- 9:50am (TWS 2135) Payerle, L
MW.....9:00am- 9:50am (TWS 2135) LAB
0202 TuThF.....9:00am- 9:50am (TWS 2135) Payerle, L
MW.....9:00am- 9:50am (TWS 2138) LAB

MUSC155 Fundamentals For the Classroom Teacher; Grade Method: REG/P-F/AUD; Open to early childhood, elementary, pre-early childhood, and pre-elementary students. 3 credits
0201 MWF.....11:00am-11:50am (TWS 2123) STAFF
0301 TuTh.....12:00pm- 1:15pm (TWS 2138) Baker, D
0401 TuTh.....3:30pm- 4:45pm (TWS 2123) Saunders, C

MUSC200A Intermediate Class Voice I; Grade Method: REG; Prerequisite: MUSC 100A. Limited to non-music majors. 2 credits
0101 TuTh.....11:00am-12:00pm (TWS 2138) Tate, M

MUSC202 Intermediate Class Piano I; Grade Method: REG; Prerequisite: MUSC 103 or permission of instructor. Only for voice and instrumental principals with limited piano experience. 2 credits
0101 MWF.....9:00am- 9:50am (TWS 3218) Elliston, R

MUSC202A Intermediate Class Piano I; Grade Method: REG; Prerequisite: MUSC 103A or permission of instructor. Limited to piano principals and voice majors with piano minor. 2 credits
0101 TuTh.....11:00am-12:15pm (TWS 3218) Elliston, R

MUSC215 The Art of the Performer; Grade Method: REG/P-F; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (TWS 1125) Walters, E

MUSC217 Class Composition I; Grade Method: REG; Prerequisite: MUSC 151 and permission of instructor. 2 credits
0101 Tu.....2:00pm- 4:00pm (TWS 2135) Moss, L

MUSC226 Vocal Diction: French; Grade Method: REG/AUD; Open to voice majors only. 1 credit
0101 TuTh.....11:00am-11:50am (TWS 2237) McCoy, R

MUSC229A Ensemble: Orchestra; Grade Method: REG; 1 credit
0101 MW.....3:00pm- 5:00pm (TWS 1102) Hudson, W
Tu.....7:00pm- 9:30pm (TWS 1102)

MUSC229D Ensemble: Symphonic Wind Ensemble; Grade Method: REG; 1 credit
0101 TuTh.....3:30pm- 5:45pm (TWS 1102) Wakefield, J

MUSC229E Ensemble: Concert Band; Grade Method: REG; 1 credit
0101 TuTh.....2:00pm- 3:15pm (TWS 1102) Sparks, L

MUSC229F Ensemble: Marching Band; Grade Method: REG; 1 credit
0101 MWF.....3:00pm- 5:00pm (Arranged) Sparks, L

MUSC229G Ensemble: Marching Band Repertoire; Grade Method: REG; Concurrent registration with MUSC 229F required. 1 credit
0101 Th.....6:30pm- 8:30pm (TWS 1102) Sparks, L

MUSC229I Ensemble: Marching Band Auxiliary; Grade Method: REG; Concurrent registration in MUSC 229F is required. 1 credit
0101 TuTh.....8:00pm-10:00pm (Arranged) Sparks, L

MUSC229R Ensemble: Repertoire Orchestra; Grade Method: REG/AUD; 1 credit
0101 W.....7:30pm- 9:30pm (TWS 1102) Head, E

MUSC230 History of Music I; Grade Method: REG/AUD; Prerequisite: functional knowledge of the language and grammar of music. 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 2123) Davis, S

MUSC250 Advanced Theory of Music I; Grade Method: REG; Prerequisite: MUSC 151. 4 credits
0101 MWF.....10:00am-10:50am (TWS 2135) Gibson, R
TuTh.....10:00am-10:50am (TWS 2135) LAB
0102 MWF.....10:00am-10:50am (TWS 2135) Gibson, R
TuTh.....10:00am-10:50am (TWS 2123) LAB
0201 TuThF.....10:00am-10:50am (TWS 2138) Payerle, L
MW.....10:00am-10:50am (TWS 2138) LAB
0202 TuThF.....10:00am-10:50am (TWS 2138) Payerle, L
MW.....10:00am-10:50am (TWS 3238) LAB

MUSC328 Chamber Music Performance For Pianists; Grade Method: REG; Open to piano majors only. 2 credits
0101 TuTh.....11:00am-11:50am (TWS 3129) Garvey, E

MUSC329A Ensemble: University of Maryland Chorale; Grade Method: REG; Open by audition. 1 credit
0101 TuTh.....3:30pm- 5:30pm (TWS 2102) Folstrom, R

MUSC329D Ensemble: University Chorus; Grade Method: REG; Open by audition. 1 credit
0101 Tu.....7:30pm-10:00pm (TWS 2102) Traver, P

MUSC329E Ensemble: Gospel Choir; Grade Method: REG; 1 credit
0101 Th.....7:00pm-10:00pm (TWS 2102) Foster, V

MUSC330 History of Music II; Grade Method: REG/AUD; Limited to music majors. Romantic era to present. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 2123) Helm, E

MUSC331 History of Music III; Grade Method: REG/AUD; Prerequisite: MUSC 230 and 330. Limited to music majors. Antiquity through baroque era. 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 3116) Serwer, H

MUSC339 Honors in Music; Grade Method: REG; Concurrent registration in MUSC 349 required. 3 credits
0101 Time and room to be arranged Helm, E

MUSC345 Jazz Theory and Improvisation I; Grade Method: REG/AUD; Prerequisite: MUSC 251 or permission of instructor. 3 credits
0101 M.....7:00pm-10:00pm (TWS 1102) Ross, G

MUSC349 Honors Seminar in Music; Grade Method: REG; Concurrent enrollment in MUSC 339 required. 1 credit
0101 Th.....12:30pm- 2:00pm (TWS 3107) Helm, E

MUSC379 Opera Workshop; Grade Method: REG/AUD; 2 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 3228) Major, L

MUSC388 (PermReq) Music Internship; Grade Method: REG; Must be elected concurrently with MUSC 389. 3 credits
0101 TBA (TWS 2114) Cooper, J

MUSC389 (PermReq) Music Internship Analysis; Grade Method: REG; Must be elected concurrently with MUSC 388. 1 credit
0101 TBA (TWS 2114) Cooper, J

MUSC400I Music Pedagogy; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MUSC428 Repertoire Coaching of Vocal or Chamber Music; Grade Method: REG; 2 credits

0101	Time and room to be arranged		Elliston, R
0201	TBA	(TWS 3129)	Garvey, E
MUSC429	Opera Theater; Grade Method: REG/AUD;		2-3 credits
0101	MW.....3:00pm- 4:30pm (TWS 3228)		Major, L
MUSC438	Area Studies in Ethnomusicology: Native American Musics; Grade Method: REG/AUD;		3 credits
0101	Th.....3:30pm- 6:00pm (TWS 3116)		Gray, J
MUSC439	Collegium Musicum; Grade Method: REG;		1 credit
0101	MW.....4:00pm- 5:30pm (TWS 1123)		Wexler, R
MUSC443	Solo Vocal Literature; Grade Method: REG/P-F/AUD;		3 credits
0101	TuTh.....4:30pm- 6:00pm (TWS 2138)		Urban, E
MUSC448 (PermReq)	Special Topics in Music; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		2-6 credits
MUSC448A (PermReq)	Special Topics in Music: Keyboard Jazz Improvisation; Grade Method: REG/AUD;		3 credits
0101	MWF.....11:00am-12:00pm (TWS 3218)		Elliston, R
MUSC448D	Special Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD; Open by audition.		2 credits
0101	Tu.....7:00pm- 9:30pm (TWS 3218)		Elliston, R
0201	W.....7:00pm- 9:30pm (TWS 3218)		Wells, R
MUSC448F	Special Topics in Music: The 18th Century Keyboard Concerto; Grade Method: REG/AUD;		3 credits
0101	Tu.....7:00pm- 9:30pm (TWS 3116)		Davis, S
MUSC448I	Special Topics in Music: Guarneri String Quartet Masterclass; Grade Method: REG/AUD;		2 credits
0101	Time and room to be arranged		Dalley, J
0201	Time and room to be arranged		Soyer, D
0301	Time and room to be arranged		Steinhardt, A
0401	Time and room to be arranged		Tree, M
MUSC448J	Special Topics in Music: The Business of Music I; Grade Method: REG/AUD;		2 credits
0101	MW.....2:00pm- 2:50pm (TWS 2138)		Walters, E
MUSC448M (PermReq)	Special Topics in Music: Interpretation of Vocal Literature; Grade Method: REG/AUD; Open to singers and pianists.		2 credits
0101	TBA	(TWS 2237)	McCoy, R
MUSC457	Electronic Music Composition; Grade Method: REG;		2 credits
0101	Tu.....2:00pm- 4:00pm (TWS 1231A)		Wilson, M
0201	W.....12:00pm- 2:00pm (TWS 1231A)		Wilson, M
MUSC460	Tonal Counterpoint I; Grade Method: REG/AUD;		2 credits
0101	TuTh.....2:00pm- 2:50pm (TWS 3238)		Payerle, L
MUSC470	Harmonic and Contrapuntal Practices of the Twentieth Century; Grade Method: REG/AUD;		2 credits
0101	TuTh.....11:00am-11:50am (TWS 2135)		Wilson, M
MUSC480	Music in Antiquity and the Middle Ages; Grade Method: REG/AUD;		3 credits
0101	F.....10:00am-12:30pm (TWS 3116)		Wexler, R
MUSC490	Conducting; Grade Method: REG/AUD; Prerequisite: MUSC251.		2 credits
0101	MWF.....1:00pm- 1:50pm (TWS 2138)		Hudson, W
0201	MWF.....1:00pm- 1:50pm (TWS 2135)		Cooper, J
MUSC492	Keyboard Music I; Grade Method: REG/AUD; Open to piano majors only.		3 credits
0101	MW.....11:30am- 1:00pm (TWS 2102)		Gowen, B
MUSC499	Independent Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		2-3 credits
MUSC608	Chamber Music Repertoire; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
MUSC624	Documents of Theory and Aesthetics: Romantic; Grade Method: REG/AUD; Reading knowledge of French required.		3 credits
0101	Tu.....9:30am-12:00pm (TWS 3131)		Cohen, H
MUSC643	Seminar in Solo Vocal Literature I; Grade Method: REG/AUD;		3 credits
0101	TuTh.....4:30pm- 6:00pm (TWS 2138)		Urban, E
MUSC648	Seminar in Music Research; Grade Method: REG/AUD;		3 credits
0101	W.....9:30am-12:00pm (TWS 3116)		Helm, E
MUSC670	Advanced Analytical Techniques I; Grade Method: REG/AUD;		3 credits
0101	W.....3:00pm- 5:30pm (TWS 2138)		Moss, L
MUSC682	Seminar in Music of the Baroque Era; Grade Method: REG/AUD;		3 credits
0101	W.....7:00pm- 9:30pm (TWS 3116)		Serwer, H
MUSC689	Advanced Conducting; Grade Method: REG/AUD;		3 credits
0101	MW.....4:30pm- 6:00pm (TWS 2135)		Traver, P
0201	TBA	(TWS 3267)	Hudson, W
0301	TBA	(TWS 1108)	Wakefield, J
MUSC699	Special Topics in Music; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		2-6 credits
MUSC699D	Special Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD; Open by audition.		2 credits
0101	Tu.....7:00pm- 9:30pm (TWS 3218)		Elliston, R
0201	W.....7:00pm- 9:30pm (TWS 3218)		Wells, R
MUSC699F	Special Topics in Music: The 18th Century Keyboard Concerto; Grade Method: REG/AUD;		3 credits
0101	Tu.....7:00pm- 9:30pm (TWS 3116)		Davis, S
MUSC699I	Special Topics in Music: Guarneri String Quartet Masterclass; Grade Method: REG/AUD;		2 credits
0101	Time and room to be arranged		Dalley, J
0201	Time and room to be arranged		Soyer, D
0301	Time and room to be arranged		Steinhardt, A
0401	Time and room to be arranged		Tree, M
MUSC699J	Special Topics in Music: The Business of Music I; Grade Method: REG/AUD;		2 credits
0101	MW.....2:00pm- 2:50pm (TWS 2138)		Walters, E
MUSC699M (PermReq)	Special Topics in Music: Interpretation of Vocal Literature; Grade Method: REG/AUD; Open to singers and pianists.		2 credits
0101	TBA	(TWS 2237)	McCoy, R
MUSC799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-6 credits
MUSC800I	Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		3 credits
MUSC800V	Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD; For voice majors.		3 credits
0101	TuTh.....2:00pm- 3:15pm (TWS 2138)		Fleming, L
MUSC830I	Doctoral Seminar in Music Literature; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		3 credits
MUSC830P	Doctoral Seminar in Music Literature; Grade Method: REG/AUD; For piano majors.		3 credits
0101	MW.....11:30am- 1:00pm (TWS 2102)		Gowen, B
MUSC830V	Doctoral Seminar in Music Literature; Grade Method: REG/AUD; For voice majors.		3 credits
0101	TuTh.....4:30pm- 6:00pm (TWS 3238)		McDonald, J
MUSC878	Advanced Composition; Grade Method: REG/AUD;		3 credits
0101	TBA	(TWS 1219B)	Moss, L
0201	TBA	(TWS 1241)	DeLio, T
0301	TBA	(TWS 1231C)	Wilson, M
0401	TBA	(TWS 1241A)	Gibson, R
MUSC899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-8 credits

MUSP Music Performance (Arts & Humanities)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the Music Department Chairman.

Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the Department of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.

SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT
A	Piano	J	Bassoon		
B	Voice	K	Saxophone	T	Composition
C	Violin	L	Horn	U	World inst undergrad
D	Viola	M	Trumpet	U	Conducting graduate
E	Cello	N	Trombone	V	Harp
F	Bass	O	Tuba	W	Electronic comp.
G	Flute	P	Euphonium	X	Hist inst - keyboard
H	Oboe	Q	Percussion	Y	Hist inst - strings
I	Clarinet			Z	Hist inst - winds

MINOR SERIES

Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 — 2 credits
(PermReq) Music Performance; Minor Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,U,V,X,Y,Z
Time and room to be arranged.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 — 2 or 4 credits
(PermReq) Music Performance; Principal Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,X,Y,Z
Time and room to be arranged.

MUSP609 — Interpretation and Repertoire — 2 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MUSP610 — Graduate Music Performance — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MAJOR SERIES

Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 — 2 or 4 credits
(PermReq) Music Performance; Major Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,W
Time and room to be arranged.

MUSP619 — Interpretation and Repertoire — 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room to be arranged.

MUSP620 — Graduate Music Performance — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room arranged.

MUSP719 — Interpretation and Repertoire — 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP815 — Interpretation, Performance, and Pedagogy — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP816 — Interpretation, Performance, and Pedagogy — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP817 — Interpretation, Performance, and Pedagogy — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

NUSC Nutritional Science (Agriculture)

NUSC402	Fundamentals of Nutrition; Grade Method: REG/P-F/AUD;		3 credits
0101	MWF.....9:00am- 9:50am (CHM 0119)		Thomas, O
NUSC425	International Nutrition; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;		3 credits
0101	TuTh.....4:00pm- 5:15pm (ARM 0117)		Guthrie, J
NUSC460 (PermReq)	Therapeutic Human Nutrition; Grade Method: REG/P-F/AUD; Prerequisite: NUSC 425.		3 credits
0101	M.....1:00pm- 3:00pm (MMH 3418)		Taylor, M
	Tu.....4:00pm- 6:00pm (MMH 3209) LAB		
0102	M.....1:00pm- 3:00pm (MMH 3418)		Taylor, M
	W.....2:00pm- 4:00pm (MMH 3209) LAB		
0103	M.....1:00pm- 3:00pm (MMH 3418)		Taylor, M
	F.....10:00am-12:00pm (MMH 3209) LAB		
NUSC603	Mineral Metabolism; Grade Method: REG/AUD;		3 credits
0101	MF.....10:00am-12:00pm (ANS 1109)		Soares Jr, J
NUSC680 (PermReq)	Human Nutritional Status; Grade Method: REG/AUD;		3 credits
0101	Th.....9:00am-11:00am (MMH 3418)		Moser, P
	Th.....1:00pm- 4:00pm (MMH 3419) LAB		
NUSC698	Seminar in Nutrition; Grade Method: REG/AUD;		1-3 credits
0101	Tu.....4:00pm- 4:50pm (CHM 0127)		Soares Jr, J
NUSC699 (PermReq)	Problems in Nutrition; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-4 credits
NUSC799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-6 credits
NUSC899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-8 credits

NUTR Nutrition (Human Ecology)

NUTR100	Elements of Nutrition; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;		3 credits
0101	MWF.....10:00am-10:50am (TYD 0130)		Cook, P
NUTR300 (PermReq)	Science of Nutrition; Grade Method: REG/P-F/AUD; Prerequisites: NUTR 100, ZOOL202 or 211; and BCHM261 or 461.		4 credits
0101	MWF.....1:00pm- 1:50pm (MMH 1400)		Williams, E
	M.....4:00pm- 6:00pm (MMH 3209) LAB		
0102	MWF.....1:00pm- 1:50pm (MMH 1400)		Williams, E
	W.....10:00am-12:00pm (MMH 3209) LAB		
0103	MWF.....1:00pm- 1:50pm (MMH 1400)		Williams, E
	W.....4:00pm- 6:00pm (MMH 3209) LAB		
NUTR335	History of Nutrition; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: a basic nutrition course.		3 credits
0101	TuTh.....9:30am-10:45am (ARM 0112)		Williams, E
NUTR425	International Nutrition; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: NUTR100 or equivalent.		3 credits
0101	TuTh.....4:00pm- 5:15pm (MMH 1304)		Guthrie, J
NUTR430	Nutritional Biochemistry; Grade Method: REG/P-F/AUD; Prerequisite: BCHM 261 or equivalent, or permission of instructor. Not open to graduate students. Restricted to dietetic majors only.		3 credits
0101	TuTh.....8:00am- 9:15am (MMH 0108)		Prather, M
NUTR460 (PermReq)	Therapeutic Human Nutrition; Grade Method: REG/P-F/AUD; Prerequisites: NUTR 300, 450.		3 credits
0101	M.....1:00pm- 3:00pm (MMH 3418)		Taylor, M
	Tu.....4:00pm- 6:00pm (MMH 3209) LAB		
0102	M.....1:00pm- 3:00pm (MMH 3418)		Taylor, M
	W.....2:00pm- 4:00pm (MMH 3418) LAB		
0103	M.....1:00pm- 3:00pm (MMH 3418)		Taylor, M
	F.....10:00am-12:00pm (MMH 3209) LAB		
NUTR468 (PermReq)	Practicum in Nutrition; Grade Method: S-F;		1-6 credits
0101	Time and room to be arranged		Williams, E
NUTR470	Community Nutrition; Grade Method: REG/P-F/AUD; Prerequisite: NUTR 300.		3 credits
0101	TuTh.....2:00pm- 3:15pm (MMH 3418)		Taylor, M
NUTR490 (PermReq)	Special Problems in Nutrition; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		2-3 credits
NUTR498A (PermReq)	Special Topics: Individual Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
NUTR625	Nutritional Needs of the Developmentally Disabled; Grade Method: REG/AUD;		2 credits
0101	Tu.....10:00am-12:00pm (JMZ 1224)		Moser, P
NUTR635	Carbohydrates, Lipids and Proteins in Human Nutrition; Grade Method: REG/AUD;		3 credits
0101	MW.....5:00pm- 6:15pm (WDS 1101)		Williams, E
NUTR660	Research Methods; Grade Method: REG/AUD; Prerequisite : A statistics course.		3 credits
0101	TuTh.....5:00pm- 6:15pm (MMH 3418)		Prather, M
NUTR678A (PermReq)	Special Topics in Nutrition: Individual Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-6 credits
NUTR678P (PermReq)	Special Topics in Nutrition: Practicum in Nutrition; Grade Method: REG/AUD;		1-6 credits
0101	Time and room to be arranged		Williams, E
NUTR678R	Special Topics in Nutrition: Nutrition and Chronic Disease; Grade Method: REG/AUD; Prerequisite: NUTR 460 or equivalent, or permission of instructor.		3 credits
0101	TuTh.....5:30pm- 6:45pm (MMH 1304)		Winick, M
NUTR680	Human Nutritional Status; Grade Method: REG/AUD; Prerequisite: Advanced nutrition, biochemistry, physiology.		3 credits
0101	Th.....9:00am-11:00am (MMH 3418)		Moser, P
	Th.....1:00pm- 4:00pm (MMH 3419) LAB		
NUTR698	Seminar in Nutrition; Grade Method: REG/AUD;		1 credit
0101	Th.....4:00pm- 4:50pm (MMH 3418)		Williams, E
NUTR699 (PermReq)	Problems in Nutrition; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		1-4 credits
NUTR789	Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number.		1-3 credits
NUTR799 (PermReq)	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-6 credits
NUTR888 (PermReq)	Doctoral Seminar; Grade Method: REG/AUD;		1 credit
0101	F.....4:00pm- 5:30pm (MMH 0108)		Read, M
NUTR899 (PermReq)	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-8 credits

PCOM Public Communication (Arts and Humanities)

PCOM700 (PermReq)	Introduction to Doctoral Study in the Public Communication Arts; Grade Method: REG/AUD; Instructors are: Dr. Michael Gurevitch and Dr. Roger Meersman.		3 credits
0101	Tu.....6:00pm- 9:00pm (JRN 1103)		Gurevitch, M
PCOM703 (PermReq)	Analysis for Communication Research; Grade Method: REG/AUD;		3 credits
0101	Th.....7:00pm-10:00pm (TWS 2230)		Fink, E
PCOM712 (PermReq)	Historical-Critical Research in Public Communication II; Grade Method: REG/AUD;		3 credits
0101	M.....7:00pm-10:00pm (TWS 2228)		Klumpp, J
PCOM888 (PermReq)	Doctoral Practicum in Public Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		3-9 credits
PCOM889 (PermReq)	Doctoral Tutorial in Public Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.		3-8 credits
PCOM899 (PermReq)	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.		1-8 credits

PERH Physical Education, Recreation, and Health (Phys Ed, Recr, & Health)

PERH386 (PermReq)	Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact the Center on Aging, 1120 Francis Scott Key.		1-3 credits
PERH387 (PermReq)	Field Work Analysis; Grade Method: REG/P-F/AUD;		1-3 credits

0101 Time and room to be arranged Pollack, S

PERH488 Children's Health and Development Clinic; 1 credit
Grade Method: REG/P-F/AUD;
0101 Sa.....8:30am-12:30pm (PRH 0103) Hahn, P

PERH698 (PermReq) Field Work in Aging; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

PHED Physical Education (Phys Ed, Recr, & Health)

Physical Education Activites

PHED100N Physical Education Activities: Men: Basketball (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/26 - 10/30. 1 credit
0001 Meets 10/26/87 - 12/11/87 STAFF
TuTh.....8:00am-10:00am (PRH 2240) LAB

PHED1000 Physical Education Activities: Men: Basketball (Intermediate); Grade Method: REG/P-F; 2 credits
0001 MW.....8:00am-10:00am (PRH 2240) LAB STAFF
0002 TuTh.....3:00pm- 5:00pm (PRH 2240) LAB STAFF
0003 MW.....8:00am-10:00am (ARM 1122) LAB STAFF
0004 MW.....10:00am-12:00pm (ARM 1122) LAB STAFF

PHED110N Physical Education Activities: Men: Wrestling (Beginning); Grade Method: REG/P-F; 2 credits
0001 MW.....12:00pm- 2:00pm (PRH 0107) LAB STAFF

PHED131V Physical Education Activities: Coed: Jogging; Grade Method: REG/P-F; 2 credits
0001 MW.....2:00pm- 4:00pm (PRH 0102) LAB STAFF
0002 TuTh.....10:00am-12:00pm (PRH 0110) LAB STAFF
0003 TuTh.....2:00pm- 4:00pm (PRH 0110) LAB STAFF

PHED132N Physical Education Activities: Coed: Badminton, (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/9. 1 credit
0001 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....3:00pm- 5:00pm (PRH 2101) LAB

PHED134N Physical Education Activities: Coed: Bowling (Beginning); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. Bowling shoes required. May be rented for $.60 per session. 2 credits
0001 MW.....8:00am-10:00am (SSU B0100) LAB STAFF
0002 MW.....2:00pm- 4:00pm (SSU B0100) LAB STAFF
0003 TuTh.....8:00am-10:00am (SSU B0100) LAB STAFF
0004 TuTh.....10:00am-12:00pm (SSU B0100) LAB STAFF
0005 TuTh.....12:00pm- 2:00pm (SSU B0100) LAB STAFF

PHED1340 Physical Education Activities: Coed: Bowling (Intermediate); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. Bowling shoes required. May be rented for $.60 per session. 2 credits
0001 MW.....10:00am-12:00pm (SSU B0100) LAB STAFF
0002 MW.....12:00pm- 2:00pm (SSU B0100) LAB STAFF
0003 TuTh.....2:00pm- 4:00pm (SSU B0100) LAB STAFF

PHED135P Physical Education Activities: Coed: Dance, Social; Grade Method: REG/P-F; 1 credit
0001 MWF.....11:00am-11:50am (PRH 0102) LAB STAFF

PHED136N Physical Education Activities: Coed: Fencing (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/26 - 10/30. 1 credit
0001 Meets 10/26/87 - 12/11/87 STAFF
TuTh.....1:00pm- 3:00pm (PRH 0107) LAB

PHED137N Physical Education Activities: Coed: Golf (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/2 - 9/9. 1 credit
0001 Meets 09/02/87 - 10/23/87 STAFF
MW.....8:00am-10:00am (GLF 1102) LAB
0002 Meets 09/02/87 - 10/23/87 STAFF
MW.....10:00am-12:00pm (GLF 1102) LAB
0003 Meets 09/02/87 - 10/23/87 STAFF
MW.....12:00pm- 2:00pm (GLF 1102) LAB
0004 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....8:00am-10:00am (GLF 1102) LAB
0005 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....10:00am-12:00pm (GLF 1102) LAB
0006 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....12:00pm- 2:00pm (GLF 1102) LAB

PHED137P Physical Education Activities: Coed: Golf (Advanced); Grade Method: REG/P-F; Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/2 - 9/9. 1 credit
0001 Meets 09/02/87 - 10/23/87 STAFF
MW.....2:00pm- 4:00pm (GLF 1102) LAB

PHED140S Physical Education Activities: Coed: Gymnastics, Trampoline (Beginning); Grade Method: REG/P-F; 2 credits
0001 MW.....10:00am-12:00pm (PRH 1120) LAB STAFF
0002 MW.....12:00pm- 2:00pm (PRH 1120) LAB STAFF

PHED140V Physical Education Activities: Coed: Gymnastics, Tumbling and Balancing (Beginning); Grade Method: REG/P-F; 2 credits
0001 TuTh.....1:00pm- 3:00pm (PRH 1120) LAB STAFF

PHED140Y Physical Education Activities: Coed: Gymnastics, Apparatus (Beginning); Grade Method: REG/P-F; 2 credits
0001 MW.....1:00pm- 3:00pm (PRH 1120) LAB STAFF

PHED144Q Physical Education Activities: Coed: Martial Arts, Karate (Beginning); Grade Method: REG/P-F; 2 credits
0001 MW.....8:00am-10:00am (PRH 0107) LAB STAFF
0002 MW.....10:00am-12:00pm (PRH 0107) LAB STAFF
0003 MW.....2:00pm- 4:00pm (PRH 0107) LAB STAFF

PHED144T Physical Education Activities: Coed: Martial Arts, Self Defense; Grade Method: REG/P-F; 2 credits
0001 TuTh.....7:00pm- 9:00pm (PRH 0107) Graham, W
0002 MW.....1:00pm- 3:00pm (PRH 0110) Jensen, J

PHED146N Physical Education Activities: Coed: Racquetball (Beginning); Grade Method: REG/P-F; 1 credit
0001 MWF.....8:00am- 8:50am (PRH 0222) LAB STAFF
0002 MWF.....10:00am-10:50am (PRH 0222) LAB STAFF
0003 MWF.....1:00pm- 1:50pm (PRH 0222) LAB STAFF
0004 MWF.....2:00pm- 2:50pm (PRH 0222) LAB STAFF
0005 MWF.....3:00pm- 3:50pm (PRH 0222) LAB STAFF
0006 TuTh.....8:00am- 9:15am (PRH 0222) LAB STAFF
0007 TuTh.....9:00am-10:15am (PRH 0222) LAB STAFF
0008 TuTh.....11:00am-12:15pm (PRH 0222) LAB STAFF
0009 TuTh.....2:00pm- 3:15pm (PRH 0222) LAB STAFF
0010 TuTh.....3:00pm- 4:15pm (PRH 0222) LAB STAFF
0011 MWF.....9:00am- 9:50am (PRH 0222) LAB STAFF

PHED1460 Physical Education Activities: Coed: Racquetball (Intermediate); Grade Method: REG/P-F; 1 credit
0001 TuTh.....10:00am-11:15am (PRH 0222) LAB STAFF
0002 TuTh.....1:00pm- 2:15pm (PRH 0222) LAB STAFF
0003 MWF.....11:00am-11:50am (PRH 0222) LAB STAFF

PHED147N Physical Education Activities: Coed: Scuba (Beginning); Grade Method: REG/P-F; 2 credits
0001 MWF.....8:00am- 8:50am (COL 0104) Landers Jr., R
MWF.....8:00am- 8:50am (COL 1206) LAB
0002 TuTh.....8:00am- 9:15am (COL 0104) Landers Jr., R
TuTh.....8:00am- 9:15am (COL 1206) LAB
0003 TuTh.....2:00pm- 3:15pm (COL 0100) Landers Jr., R
TuTh.....2:00pm- 3:15pm (COL 1206) LAB

PHED150N Physical Education Activities: Coed: Skating, Ice (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Students must provide own transportation and pay $10.00 facility/equipment fee. Schedule Adjustment Period is 10/26 - 10/30. 1 credit
0001 Meets 10/26/87 - 12/11/87 STAFF
MW.....9:00am-11:00am (COL 1100) LAB

PHED152N Physical Education Activities: Coed: Soccer (Beginning); Grade Method: REG/P-F; 1 credit
Meets first eight weeks only. Schedule Adjustment Period is 9/2-9/9.
0001 Meets 09/02/87 - 10/23/87 STAFF
MW.....1:00pm- 3:00pm (COL 1100) LAB

PHED154N Physical Education Activities: Coed: Swimming (Beginning); Grade Method: REG/P-F; Section 0001 is strictly for non-swimmers. 1 credit
0001 MWF.....12:00pm-12:50pm (PKT 1112) LAB STAFF
0002 MWF.....1:00pm- 1:50pm (COL 1206) LAB STAFF
0003 TuTh.....8:00am- 9:15am (PKT 1112) LAB STAFF
0004 TuTh.....9:00am-10:15am (COL 1206) LAB STAFF

PHED1540 Physical Education Activities: Coed: Swimming (Intermediate); Grade Method: REG/P-F; 1 credit
0001 TuTh.....12:00pm- 1:15pm (PKT 1112) LAB STAFF
0002 TuTh.....1:00pm- 2:15pm (COL 1206) LAB STAFF
0003 TuTh.....11:00am-12:15pm (PKT 1112) LAB STAFF
0004 TuTh.....2:00pm- 3:15pm (PKT 1112) LAB STAFF

PHED154P Physical Education Activities: Coed: Swimming (Advanced); Grade Method: REG/P-F; 2 credits
0001 MW.....9:00am-11:00am (COL 1206) LAB STAFF

PHED154T Physical Education Activities: Coed: Swimming, Fitness (Beginning); Grade Method: REG/P-F; 1 credit
0001 MWF.....1:00pm- 1:50pm (PKT 1112) LAB STAFF
0002 MWF.....2:00pm- 2:50pm (PKT 1112) LAB STAFF

PHED154W Physical Education Activities: Coed: Swimming, Advanced Life Saving; Grade Method: REG/P-F; Advanced swimming ability is a prerequisite. 2 credits
0001 MW.....8:00am-10:00am (PKT 1112) LAB STAFF
0002 TuTh.....10:00am-12:00pm (COL 1206) LAB STAFF

PHED154Y Physical Education Activities: Coed: Swimming, Water Safety Instruction; Grade Method: REG/P-F; Current advanced life saving is a prerequisite. 2 credits
0001 MW.....10:00am-12:00pm (PKT 1112) LAB STAFF

PHED155N Physical Education Activities: Coed: Tennis (Beginning); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/2-9/9. 1 credit
0001 Meets 09/02/87 - 10/23/87 STAFF
MW.....3:00pm- 5:00pm (PRH 2101) LAB
0002 Meets 09/02/87 - 10/23/87 STAFF
MW.....8:00am-10:00am (COL 1100) LAB
0003 Meets 09/02/87 - 10/23/87 STAFF
MW.....10:00am-12:00pm (COL 1100) LAB
0004 Meets 09/02/87 - 10/23/87 STAFF
MW.....10:00am-12:00pm (PRH 2101) LAB
0005 Meets 09/02/87 - 10/23/87 STAFF
MW.....1:00pm- 3:00pm (COL 1100) LAB
0006 Meets 09/02/87 - 10/23/87 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB
0007 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....8:00am-10:00am (COL 1100) LAB
0008 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....10:00am-12:00pm (COL 1100) LAB
0009 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....10:00am-12:00pm (PRH 2240) LAB
0010 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2240) LAB

PHED1550 Physical Education Activities: Coed: Tennis (Intermediate); Grade Method: REG/P-F; Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/9. 1 credit
0001 Meets 09/02/87 - 10/23/87 STAFF
MW.....10:00am-12:00pm (COL 1100) LAB
0002 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....1:00pm- 3:00pm (COL 1100) LAB
0003 Meets 09/02/87 - 10/23/87 STAFF
MW.....2:00pm- 4:00pm (PRH 2240) LAB
0004 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....8:00am-10:00am (COL 1100) LAB
0005 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....10:00am-12:00pm (COL 1100) LAB

PHED155P Physical Education Activities: Coed: Tennis (Advanced); Grade Method: REG/P-F; Meets first eight weeks only. Section 0001 includes tournament preparation/advanced drills. Schedule Adjustment Period is 9/2 - 9/9. 1 credit
0001 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB

0002 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....3:00pm- 5:00pm (PRH 2101) LAB

PHED157N Physical Education Activities: Coed: Weight Training (Beginning); Grade Method: REG/P-F; 1 credit
0001 MWF.....8:00am- 8:50am (PRH 0103) LAB STAFF
0002 MWF.....9:00am- 9:50am (PRH 0103) LAB STAFF
0003 MWF.....10:00am-10:50am (PRH 0103) LAB STAFF
0004 MWF.....1:00pm- 1:50pm (PRH 0103) LAB STAFF
0006 MW.....3:00pm- 4:15pm (PRH 0103) LAB STAFF
0007 MW.....4:00pm- 5:15pm (PRH 0103) LAB STAFF
0008 TuTh.....8:00am- 9:15am (PRH 0103) LAB STAFF
0009 TuTh.....9:00am-10:15am (PRH 0103) LAB STAFF
0010 TuTh.....10:00am-11:15am (PRH 0103) LAB STAFF
0011 TuTh.....11:00am-12:15pm (PRH 0103) LAB STAFF
0012 TuTh.....3:00pm- 4:15pm (PRH 0103) LAB STAFF
0013 TuTh.....4:00pm- 5:15pm (PRH 0103) LAB STAFF

PHED1570 Physical Education Activities: Coed: Weight Training (Intermediate); Grade Method: REG/P-F; 1 credit
0001 MWF.....11:00am-11:50am (PRH 0103) LAB STAFF
0002 MWF.....12:00pm-12:50pm (PRH 0103) LAB STAFF
0003 TuTh.....12:00pm- 1:15pm (PRH 0103) LAB STAFF

PHED157Q Physical Education Activities: Coed: Body Building; Grade Method: REG/P-F; 1 credit
0001 TuTh.....1:00pm- 1:50pm (PRH 0103) LAB STAFF
0002 TuTh.....2:00pm- 2:50pm (PRH 0103) LAB STAFF

PHED160N Physical Education Activities: Coed: Volleyball (Beginning); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/26 - 10/30. 1 credit
0001 Meets 10/26/87 - 12/11/87 STAFF
MW.....3:00pm- 5:00pm (PRH 2101) LAB
0002 Meets 10/26/87 - 12/11/87 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB

PHED1600 Physical Education Activities: Coed: Volleyball (Intermediate); Grade Method: REG/P-F; Meets second eight weeks only. Schedule Adjustment Period is 10/26 - 10/30. 1 credit
0001 Meets 10/26/87 - 12/11/87 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB
0002 Meets 10/26/87 - 12/11/87 STAFF
TuTh.....3:00pm- 5:00pm (PRH 2101) LAB

PHED160P Physical Education Activities: Coed: Volleyball (Advanced); Grade Method: REG/P-F; 2 credits
0001 MW.....10:00am-12:00pm (PRH 2101) LAB STAFF

PHED161N Physical Education Activities: Coed: Conditioning (Beginning); Grade Method: REG/P-F; 2 credits
0001 MW.....10:00am-12:00pm (COL 0102) LAB STAFF
MW.....10:00am-12:00pm (COL 0100) LAB
0002 MW.....12:00pm- 2:00pm (COL 0102) LAB STAFF
MW.....12:00pm- 2:00pm (COL 0100) LAB
0003 TuTh.....12:00pm- 2:00pm (COL 0102) LAB STAFF
TuTh.....12:00pm- 2:00pm (COL 0100) LAB

PHED161Q Physical Education Activities: Coed: Conditioning (Aerobic Dance-Beginning); Grade Method: REG/P-F; 2 credits
0001 TuTh.....10:00am-12:00pm (COL 0100) LAB STAFF
TuTh.....10:00am-12:00pm (COL 0102) LAB
0002 TuTh.....4:00pm- 6:00pm (PRH 0102) LAB STAFF
0003 MW.....10:00am-12:00pm (PRH 2240) LAB STAFF
0004 MW.....8:00am-10:00am (PRH 0102) LAB STAFF
0005 TuTh.....1:00pm- 3:00pm (PRH 2240) LAB STAFF
0006 TuTh.....7:00pm- 9:00pm (PRH 0102) LAB STAFF
0007 MW.....4:00pm- 6:00pm (PRH 0102) LAB STAFF
0008 TuTh.....2:00pm- 4:00pm (PRH 0102) LAB STAFF

PHED161S Physical Education Activities: Coed: Conditioning (Aerobic Dance-Intermediate); Grade Method: REG/P-F; 2 credits
0001 MW.....3:00pm- 5:00pm (PRH 2240) LAB STAFF
0002 TuTh.....10:00am-12:00pm (PRH 0102) LAB STAFF

PHED161T Physical Education Activities: Coed: Conditioning (Yoga-Beginning); Grade Method: REG/P-F; 2 credits
0001 TuTh.....10:00am-12:00pm (PRH 0107) LAB STAFF

PHED161U Physical Education Activities: Coed: Conditioning (Aerobic Dance-Advanced); Grade Method: REG/P-F; 2 credits
0001 TuTh.....12:00pm- 2:00pm (PRH 0102) LAB STAFF

Physical Education Professional Courses-

PHED180 Foundations of Physical Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (PRH 1302) Owens, L

PHED181 Fundamentals of Movement; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....9:30am-10:45am (PRH 1302) LAB Kelley, D

PHED182 Rhythmic Activities; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....12:00pm- 1:15pm (PRH 0110) LAB Overby, L

PHED202 Badminton Skills Laboratory; Grade Method: REG/P-F/AUD; Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/9. 1 credit
0101 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB

PHED204 Basketball Skills Laboratory; Grade Method: REG/P-F/AUD; Meets second eight weeks only. Schedule Adjustment Period is 10/26 - 10/30. 1 credit
0101 Meets 10/26/87 - 12/11/87 Coates Jr., J
TuTh.....10:00am-12:00pm (PRH 2240) LAB

PHED214 Soccer Skills Laboratory; Grade Method: REG/P-F/AUD; Meets first eight weeks only. Schedule Adjustment Period is 9/2 - 9/9. 1 credit
0101 Meets 09/02/87 - 10/23/87 STAFF
TuTh.....10:00am-12:00pm (COL 1100) LAB

PHED218 (PermReq) Laboratory in Teaching; Grade Method: REG/P-F; 1 credit
0101 Time and room to be arranged Wrenn, J

PHED220 Track and Field Skills Laboratory; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....8:00am-10:00am (COL 1100) LAB STAFF

PHED221 Volleyball Skills Laboratory; Grade Method: REG/P-F/AUD; Meets second eight weeks only. Schedule Adjustment Period is 10/26 - 10/30. 1 credit
0101 Meets 10/26/87 - 12/11/87 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB

PHED222 Weight Training Skills Laboratory; Grade Method: REG/P-F/AUD; 1 credit
0101 MWF.....2:00pm- 2:50pm (PRH 0103) LAB STAFF

PHED224 Aerobics Skills Laboratory; Grade Method: REG/P-F/AUD; 1 credit
0101 MWF.....1:00pm- 1:50pm (PRH 2240) LAB STAFF

PHED261 Development of Endurance and Strength Fitness; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (PRH 0307) STAFF

HED287 Sport and American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....10:00am-10:50am (PRH 1303) Vander Velden,
0201 MWF.....11:00am-11:50am (PRH 1303) Vander Velden,
0301 TuTh.....11:00am-12:15pm (PRH 1303) Ingram, A

PHED289 (PermReq) Topical Investigations; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHED293 History of Sport in America; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (PRH 1312) Struna, N

PHED300 Kinesiology; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....1:00pm- 4:00pm (PRH 1302) Kelley, D
0201 TuTh.....9:00am-10:30am (PRH 1301) STAFF
Tu.....10:30am-12:00pm (PRH 1301) LAB
0301 TuTh.....9:00am-10:30am (PRH 1301) STAFF
Th.....10:30am-12:00pm (PRH 1301) LAB

PHED314 Methods in Physical Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....10:00am-12:00pm (PRH 0305) Arrighi, M

PHED335 Swimming Pool Management; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....9:00am- 9:50am (COL 0104) Hoffman, C

PHED340 Theory of Coaching Athletics; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....12:00pm-12:50pm (PRH 1301) Drum, B

PHED341 Theory of Coaching Basketball; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....11:00am-11:50am (PRH 1302) Coates Jr., J

PHED342 Theory of Coaching Baseball; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....10:00am-10:50am (COL 0104) Jackson, E

PHED343 Theory of Coaching Football; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....11:00am-11:50am (COL 0104) STAFF

PHED350 The Psychology of Sports; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 1301) Steel, D
0201 TuTh.....2:00pm- 3:15pm (PRH 1301) Steel, D
0301 MWF.....10:00am-10:50am (PRH 1312) Hatfield, B
0401 TuTh.....3:00pm- 4:15pm (PRH 1303) Brown, E

PHED360 Physiology of Exercise; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....10:00am-12:00pm (PRH 2132) Vaccaro, P
0201 TuTh.....1:00pm- 3:00pm (PRH 2132) Ryder, M

PHED361 Weight Control Through Diet and Exercise; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (COL 0100) Salke Jr., R
0201 TuTh.....10:00am-11:15am (PRH 0303) Lindle, R

PHED362 Philosophy of Sport; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....10:00am-10:50am (PRH 1301) Hult, J

PHED370 Motor Development; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....7:00pm- 9:00pm (PRH 1312) Clark, J
Tu.....12:00pm- 1:00pm (PRH 1301) LAB
0201 M.....7:00pm- 9:00pm (PRH 1312) Clark, J
Tu.....1:00pm- 2:00pm (PRH 1301) LAB
0301 M.....7:00pm- 9:00pm (PRH 1312) Clark, J
Th.....12:00pm- 1:00pm (PRH 1301) LAB
0401 M.....7:00pm- 9:00pm (PRH 1312) Clark, J
Th.....1:00pm- 2:00pm (PRH 1301) LAB

PHED381 Prevention and Care of Athletic Injuries; Grade Method: REG/P-F/AUD; 3 credits
0101 F.....8:00am-10:00am (PRH 1303) Bush, J
MW.....9:00am- 9:50am (PRH 1303) LAB

PHED385 Motor Learning and Skilled Performance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
010. W.....7:00pm- 9:30pm (PRH 1302) Tyler, R
0201 TuTh.....12:30pm- 1:45pm (PRH 1303) Tyler, R

PHED389 (PermReq) Topical Investigations; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor required. 1-3 credits

PHED389D Topical Investigations: Sports Medicine; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....7:00pm- 9:30pm (PRH 2132) Hurley, B

PHED421 Elementary School Physical Education: A Movement Approach; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 0303) STAFF

PHED451 Sport and the American Woman; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (PRH 1302) Ingram, A

PHED455 Scientific Bases of Athletic Conditioning; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 1302) SantaMaria, D

PHED461 Exercise and Body Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0305) Ryder, M

PHED462 Neural Basis of Human Movement; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 1303) Clark, J

PHED480 Measurement in Physical Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 3:00pm (PRH 1302) Steel, D

PHED481 Biophysical Aspects of Human Movement; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 0305) Phillips, S

PHED490 Administration of Physical Education and Sport; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 1302) Church, K

PHED491 The Curriculum in Physical Education; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:15pm- 4:30pm (PRH 1301) Arrighi, M

PHED492 History of the Sportswoman in American Organizations; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (PRH 0303) Hult, J

PHED496 Quantitative Methods; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1301) Dotson, C

PHED497 Independent Studies Seminar; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (PRH 2132) Phillips, S

PHED498 (PermReq) Special Topics in Physical Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Wrenn, J

PHED498M Special Topics in Physical Education: Sport and World Society; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (PRH 0305) Ingram, A

PHED610 Methods and Techniques of Research; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (PRH 1303) STAFF

PHED630 Sociology of Sport in Contemporary Perspective; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1302) Vander Velden,

PHED650 Mental and Emotional Aspects of Sports and Recreation; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 1302) Hatfield, B

PHED662 Readings in American Sport History; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:30pm (PRH 0303) Hult, J

PHED675 Photo-analysis of Human Motion; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 2132) Phillips, S

PHED682 Physical Performance for Those with Learning and Behavioral Disorders; Grade Method: REG; 3 credits
0101 Th.....7:00pm- 9:30pm (PRH 0305) Dirocco, P

PHED689 (PermReq) Special Problems in Physical Education; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHED689R Special Problems in Physical Education: Contemporary Problems in Physical Education and Sport; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0302) Young, J

PHED690 Scientific Bases of Exercise; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 2132) Vaccaro, P

PHED692 Cardiovascular Aspects of Exercise Physiology; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:30pm (PRH 2132) Hurley, B

PHED789W Advanced Seminar: Motor Development; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0303) Clark, J

PHED798A (PermReq) Internship in Physical Education/Sports Management: Sports Management; Grade Method: REG; 1-8 credits
0101 Time and room to be arranged Wrenn, J

PHED799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHED899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

PHIL Philosophy (Arts and Humanities)

PHILOSOPHY DEPARTMENT HANDBOOK

All philosophy courses are described in detail (course content, textbooks, written assignments, etc.) in the Philosophy Department Handbook. Copies are now available in Room 1131 of the Skinner Building. Updated supplement to the handbook will be issued for August registration.

PHIL100 Introduction to Philosophy; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 WF.....10:00am-10:50am (ARC 0204) Crosthwaite, J
W.....9:00am- 9:50am (SYM 2109) DIS
0102 WF.....10:00am-10:50am (ARC 0204) Crosthwaite, J
M.....9:00am- 9:50am (MMH 0108) DIS
0103 WF.....10:00am-10:50am (ARC 0204) Crosthwaite, J
M.....10:00am-10:50am (ZOP 1234) DIS
0104 WF.....10:00am-10:50am (ARC 0204) Crosthwaite, J
M.....10:00am-10:50am (ARM 0105) DIS
0105 WF.....10:00am-10:50am (ARC 0204) Crosthwaite, J
M.....12:00pm-12:50pm (TWS 0135) DIS
0106 WF.....10:00am-10:50am (ARC 0204) Crosthwaite, J
W.....9:00am- 9:50am (LEF 1208) DIS
0201 MW.....12:00pm-12:50pm (JMZ 0220) Crosthwaite, J
F.....9:00am- 9:50am (LEF 1208) DIS
0202 MW.....12:00pm-12:50pm (JMZ 0220) Crosthwaite, J
F.....3:00pm- 3:50pm (SKN 1106) DIS
0203 MW.....12:00pm-12:50pm (JMZ 0220) Crosthwaite, J
F.....12:00pm-12:50pm (EGR 1120) DIS
0204 MW.....12:00pm-12:50pm (JMZ 0220) Crosthwaite, J
F.....12:00pm-12:50pm (TAA 1130) DIS
0205 MW.....12:00pm-12:50pm (JMZ 0220) Crosthwaite, J
F.....1:00pm- 1:50pm (TAA 1122) DIS
0206 MW.....12:00pm-12:50pm (JMZ 0220) Crosthwaite, J
F.....2:00pm- 2:50pm (TYD 1108) DIS
0301 TuTh.....2:00pm- 3:15pm (WDS 1130) STAFF

PHIL110 Plato's Republic; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (SKN 1106) Pasch, A

PHIL140 Contemporary Moral Issues; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MW.....11:00am-11:50am (JMZ 0105) Greenspan, P
F.....11:00am-11:50am (TAA 1130) DIS
0102 MW.....11:00am-11:50am (JMZ 0105) Greenspan, P
F.....12:00pm-12:50pm (TYD 1108) DIS
0103 MW.....11:00am-11:50am (JMZ 0105) Greenspan, P
F.....2:00pm- 2:50pm (WDS 1131) DIS
0201 TuTh.....11:00am-12:15pm (SKN 1113) STAFF
0301 TuTh.....12:30pm- 1:45pm (SKN 1113) STAFF
0401 TuTh.....11:00am-12:15pm (LEF 1208) STAFF

PHIL142 Introduction to Ethical Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (SKN 1113) Greenspan, P

A note about PHIL 170, PHIL 173, and PHIL 271. All three are introductory logic courses. PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 concentrates on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 271 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. All three courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 0124) Horty, J
0201 TuTh.....11:00am-12:15pm (ARM 0117) Stairs, A
0301 MWF.....10:00am-10:50am (LEF 1208) STAFF

PHIL173 Logic and the English Language I; Grade Method: REG; See note above PHIL 170 3 credits
0101 MWF.....12:00pm-12:50pm (SKN 1113) Pasch, A

PHIL243 Philosophy of Rural Life; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (SKN 1113) Suppe, F

PHIL245 Political and Social Philosophy I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (SKN 1106) STAFF

PHIL250 Philosophy of Science I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (SKN 1113) STAFF

PHIL271 Symbolic Logic I; Grade Method: REG/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; (See note above PHIL 170). 3 credits
0101 TuTh.....9:30am-10:45am (SKN 1106) Svenonius, L

PHIL308F Studies in Contemporary Philosophy: Philosophical Issues in Feminism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (WDS 1130) Crosthwaite, J

PHIL310 Ancient Philosophy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: six hours of philosophy or classics. 3 credits
0101 MWF.....10:00am-10:50am (SKN 1106) Celarier, J

PHIL320 Modern Philosophy; Grade Method: REG/P-F/AUD; Prerequisite: six hours of philosophy. 3 credits
0101 TuTh.....3:30pm- 4:45pm (SKN 1106) Ross, D

PHIL326 Twentieth Century Analytic Philosophy; Grade Method: REG/P-F/AUD; Prerequisite: 6 hours of philosophy. 3 credits
0101 TuTh.....11:00am-12:15pm (SKN 1106) Rey, G

PHIL328B Studies in the History of Philosophy: Marxist Philosophy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy or a GVPT course in social theory. 3 credits
0101 MWF.....9:00am- 9:50am (SKN 1113) Nola, R
0201 MWF.....9:00am- 9:50am (SKN 1106) Nola, R

PHIL331 Philosophy of Art; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy or two courses in the arts or literature. 3 credits
0101 MWF.....11:00am-11:50am (SKN 1106) Brown, J

PHIL332 Philosophy of Beauty; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; One course in philosophy or two courses in the arts or literature are recommended. 3 credits
0101 MWF.....1:00pm- 1:50pm (SKN 1106) Brown, J

PHIL386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL387. Consult Director of Undergraduate Studies; Pasch,A. Prerequisites: 12 credit hours of philosophy, 3.0 GPA. Carries no credit toward philosophy major. 3 credits

PHIL387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL 386. Consult Director of Undergraduate Studies; Pasch,A. 3 credits

PHIL408A Topics in Contemporary Philosophy: Analysis and Design of Legal and Moral Institutions; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: one course in philosophy and one course in ECON or GVPT or consent of instructor. 3 credits
0101 TuTh.....9:30am-10:45am (WDS 1130) Johnson, C

PHIL408B Topics in Contemporary Philosophy: Logic: A Philosopher's Tool Box; Grade Method: REG/AUD; Fulfils philosophy major requirement of PHIL 271, but 408B and 271 cannot both be counted toward the required 30 hours of philosophy. Not open to students wih credit for PHIL 371 or 271. 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1127) Stairs, A

PHIL408R Topics in Contemporary Philosophy: Realism, Relativity and Rationality; Grade Method: REG/P-F/AUD; Prerequisite: 6 hours of philosophy or consent of instructor. 3 credits
0101 MWF.....1:00pm- 1:50pm (SKN 1113) Nola, R

PHIL428F Topics in the History of Philosophy: Modernity and Fragmented Thought; Grade Method: REG/AUD; Prerequisite: graduate standing or permission. 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 4223) Heyndels, R

PHIL440 Contemporary Ethical Theory; Grade Method: REG/P-F/AUD; Prerequisite: PHIL 142 or consent of instructor. 3 credits
0101 TuTh.....11:00am-12:15pm (SKN 1105) Slote, M

PHIL447 Philosophy of Law; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy. 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 1114) Johnson, C
0201 MWF.....10:00am-10:50am (WDS 1130) Schlaretzki, W

PHIL452 Philosophy of Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: three credits in philosophy or physics. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SKN 1106) Bub, J

PHIL455 Philosophy of the Social Sciences; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisites: one course in philosophy or the social sciences. PHIL 250 recommended. 3 credits
0101 TuTh.....12:30pm- 1:45pm (SKN 1106) Suppe, F

PHIL471 Symbolic Logic II; Grade Method: REG/P-F/AUD; Prerequisite: PHIL 371 (271) or consent of instructor. 3 credits
0101 TuTh.....12:30pm- 1:45pm (SKN 1105) Svenonius, L

PHIL498C (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL498D Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688D Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688E (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688F (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL788E (PermReq) Research in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL788F (PermReq) Research in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL808C Seminar in the Problems of Philosophy: Consciousness and Computation; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Rey, G

PHIL808D Seminar in the Problems of Philosophy: Logic and Artificial Intelligence; Grade Method: REG/AUD; Prerequisite: PHIL 271 or equivalent. 3 credits
0101 Time and room to be arranged Horty, J

PHIL899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

PHYS Physics (Comp, Math, & Phys Sci)

PHYS102 Physics of Music; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies Non-lab Science and Mathematics requirement. If taken with PHYS 103, course may be counted as Lab Science requirement. Credit cannot be received for both PHYS 102 and PHYS 499C. 3 credits
0301 TuTh.....2:00pm- 3:15pm (PHY 1410) Sucher, J

PHYS103 Physics of Music Laboratory; Grade Method: REG/P-F/AUD; 1 credit
0101 Th.....9:00am-10:50am (PHY 3213) LAB Berg, R
0201 Th.....11:00am-12:50pm (PHY 3213) LAB Berg, R
0301 Th.....3:30pm- 5:20pm (PHY 3213) LAB Berg, R
0401 F.....10:00am-11:50am (PHY 3213) LAB Berg, R
0501 F.....12:00pm- 1:50pm (PHY 3213) LAB Berg, R

PHYS106 Light, Perception, Photography, and Visual Phenomena; Grade Method: REG/P-F/AUD; Credit cannot be received for both PHYS 106 and PHYS 499E. Course meets University Studies Program Distributive Studies Non-Lab Science and Mathematics requirement. If taken with PHYS 107, course may be counted as lab-science requirement. 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 1412) Goodman, J

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; Grade Method: REG/P-F/AUD; Pre or co-requisite: PHYS 106 or PHYS 499E. Labs begin week of September 7. 1 credit
0101 Tu.....9:00am-10:50am (PHY 3214) LAB Goodman, J
0201 Tu.....12:00pm- 1:50pm (PHY 3214) LAB Goodman, J
0301 W.....9:00am-10:50am (PHY 3214) LAB Goodman, J
0401 W.....3:00pm- 4:50pm (PHY 3214) LAB Goodman, J
0501 W.....1:00pm- 2:50pm (PHY 3214) LAB Goodman, J
0601 Tu.....3:30pm- 5:20pm (PHY 3214) LAB Goodman, J

PHYS111 Physics in the Modern World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Intended for students who will continue in PHYS 112 or PHYS 401. 3 credits
0101 MWF.....9:00am- 9:50am (PHY 0405) Falk, D

PHYS117 Introduction to Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 MWF.....2:00pm- 2:50pm (PHY 1410) Snow, G
M.....4:00pm- 5:50pm (PHY 3316) LAB
0102 MWF.....2:00pm- 2:50pm (PHY 1410) Snow, G
Tu.....3:00pm- 4:50pm (PHY 3316) LAB
0104 MWF.....2:00pm- 2:50pm (PHY 1410) Snow, G
W.....4:00pm- 5:50pm (PHY 3316) LAB
0105 MWF.....2:00pm- 2:50pm (PHY 1410) Snow, G
Th.....12:00pm- 1:50pm (PHY 3316) LAB

PHYS121 Fundamentals of Physics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, PHY 1214, MTWHF 11,1. Laboratories and recitations begin week of September 7. 4 credits
0101 MWF.....10:00am-10:50am (PHY 1410) Gates Jr., S
W.....4:00pm- 5:50pm (PHY 3306) LAB
W.....3:00pm- 3:50pm (PHY 0405) DIS
0102 MWF.....10:00am-10:50am (PHY 1410) Gates Jr., S
M.....4:00pm- 5:50pm (PHY 3306) LAB
M.....3:00pm- 3:50pm (PHY 0405) DIS
0103 MWF.....10:00am-10:50am (PHY 1410) Gates Jr., S
Tu.....11:00am-12:50pm (PHY 3306) LAB
Tu.....10:00am-10:50am (PHY 4208) DIS
0104 MWF.....10:00am-10:50am (PHY 1410) Gates Jr., S
Tu.....1:00pm- 2:50pm (PHY 3306) LAB
Tu.....12:00pm-12:50pm (PHY 4208) DIS
0105 MWF.....10:00am-10:50am (PHY 1410) Gates Jr., S
W.....12:00pm- 1:50pm (PHY 3306) LAB
W.....11:00am-11:50am (PHY 4220) DIS
0201 MWF.....12:00pm-12:50pm (PHY 1410) Dragt, A
W.....9:00am-10:50am (PHY 3306) LAB
W.....8:00am- 8:50am (PHY 4220) DIS
0202 MWF.....12:00pm-12:50pm (PHY 1410) Dragt, A
W.....2:00pm- 3:50pm (PHY 3306) LAB
W.....1:00pm- 1:50pm (PHY 0405) DIS
0203 MWF.....12:00pm-12:50pm (PHY 1410) Dragt, A
Th.....11:00am-12:50pm (PHY 3306) LAB
Th.....10:00am-10:50am (PHY 4220) DIS
0204 MWF.....12:00pm-12:50pm (PHY 1410) Dragt, A
Th.....9:00am-10:50am (PHY 3306) LAB
Th.....8:00am- 8:50am (PHY 4220) DIS
0205 MWF.....12:00pm-12:50pm (PHY 1410) Dragt, A
Th.....1:00pm- 2:50pm (PHY 3306) LAB
Th.....12:00pm-12:50pm (PHY 4220) DIS
0206 MWF.....12:00pm-12:50pm (PHY 1410) Dragt, A
M.....2:00pm- 3:50pm (PHY 3306) LAB
M.....1:00pm- 1:50pm (PHY 4220) DIS
0301 TuTh.....12:30pm- 1:45pm (PHY 1410) Hamilton, D
Tu.....9:00am-10:50am (PHY 3306) LAB
Tu.....8:00am- 8:50am (PHY 4220) DIS
0302 TuTh.....12:30pm- 1:45pm (PHY 1410) Hamilton, D
M.....10:00am-11:50am (PHY 3306) LAB
M.....9:00am- 9:50am (PHY 4220) DIS
0303 TuTh.....12:30pm- 1:45pm (PHY 1410) Hamilton, D
M.....12:00pm- 1:50pm (PHY 3306) LAB
M.....11:00am-11:50am (PHY 4220) DIS
0304 TuTh.....12:30pm- 1:45pm (PHY 1410) Hamilton, D
Th.....4:00pm- 5:50pm (PHY 3306) LAB
Th.....3:00pm- 3:50pm (PHY 4220) DIS
0305 TuTh.....12:30pm- 1:45pm (PHY 1410) Hamilton, D
Tu.....3:00pm- 4:50pm (PHY 3306) LAB
Tu.....2:00pm- 2:50pm (PHY 4220) DIS
0401 MW.....7:00pm- 8:30pm (PHY 1412) Brandt, H
Tu.....7:30pm- 9:20pm (PHY 3306) LAB
Tu.....6:30pm- 7:20pm (PHY 1219) DIS
0402 MW.....7:00pm- 8:30pm (PHY 1412) Brandt, H
Th.....7:30pm- 9:20pm (PHY 3306) LAB
Th.....6:30pm- 7:20pm (PHY 1219) DIS

PHYS122 Fundamentals of Physics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, PHY 1214, MTWHF 12,2. Laboratories and recitations begin week of September 7. 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
M.....4:00pm- 5:50pm (PHY 3312) LAB
M.....3:00pm- 3:50pm (PHY 1221) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
Tu.....9:00am-10:50am (PHY 3312) LAB
Tu.....8:00am- 8:50am (PHY 1221) DIS

0103 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
Tu.....12:00pm- 1:50pm (PHY 3312) LAB
Tu.....11:00am-11:50am (PHY 4208) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
Tu.....2:00pm- 3:50pm (PHY 3312) LAB
Tu.....1:00pm- 1:50pm (PHY 4208) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
W.....9:00am-10:50am (PHY 3312) LAB
W.....8:00am- 8:50am (PHY 4208) DIS
0106 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
W.....3:00pm- 4:50pm (PHY 3312) LAB
W.....2:00pm- 2:50pm (PHY 4208) DIS
0107 MWF.....1:00pm- 1:50pm (PHY 1410) Chant, N
Th.....9:00am-10:50am (PHY 3312) LAB
Th.....8:00am- 8:50am (PHY 4208) DIS

PHYS141 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinics, PHY 1214, MTWHF 10,12. Laboratories and recitations begin week of September 7. — 4 credits
0101 MWF.....11:00am-11:50am (PHY 1410) Layman, J
M.....1:00pm- 2:50pm (PHY 3314) LAB
M.....12:00pm-12:50pm (PHY 1221) DIS
0102 MWF.....11:00am-11:50am (PHY 1410) Layman, J
M.....4:00pm- 5:50pm (PHY 3314) LAB
M.....3:00pm- 3:50pm (PHY 1402) DIS
0103 MWF.....11:00am-11:50am (PHY 1410) Layman, J
Tu.....9:00am-10:50am (PHY 3314) LAB
Tu.....8:00am- 8:50am (PHY 1402) DIS
0104 MWF.....11:00am-11:50am (PHY 1410) Layman, J
Tu.....11:00am-12:50pm (PHY 3314) LAB
Tu.....10:00am-10:50am (PHY 4220) DIS
0105 MWF.....11:00am-11:50am (PHY 1410) Layman, J
Tu.....2:00pm- 3:50pm (PHY 3314) LAB
Tu.....1:00pm- 1:50pm (PHY 4220) DIS

PHYS142 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic PHY 1214, MTWHF 2. Laboratories and recitations begin week of September 7. — 4 credits
0101 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
Th.....9:00am-10:50am (PHY 3310) LAB
Th.....8:00am- 8:50am (PHY 0405) DIS
0102 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
Th.....12:00pm- 1:50pm (PHY 3310) LAB
Th.....11:00am-11:50am (PHY 4208) DIS
0103 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
Th.....2:00pm- 3:50pm (PHY 3310) LAB
Th.....1:00pm- 1:50pm (PHY 4208) DIS

PHYS161 General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, PHY 1214, MTWHF 11, 2. Recitations begin week of September 7. — 3 credits
0201 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
M.....11:00am-11:50am (PHY 1221) DIS
0202 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
Tu.....2:00pm- 2:50pm (PHY 1221) DIS
0203 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
W.....3:00pm- 3:50pm (PHY 1221) DIS
0204 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
Th.....11:00am-11:50am (PHY 4220) DIS
0205 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
W.....11:00am-11:50am (PHY 1221) DIS
0206 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
W.....9:00am- 9:50am (PHY 1402) DIS
0301 MWF.....10:00am-10:50am (PHY 1412) Fivel, D
Tu.....3:00pm- 3:50pm (PHY 1402) DIS
0302 MWF.....10:00am-10:50am (PHY 1412) Fivel, D
W.....9:00am- 9:50am (PHY 4208) DIS
0303 MWF.....10:00am-10:50am (PHY 1412) Fivel, D
W.....1:00pm- 1:50pm (PHY 1219) DIS
0304 MWF.....10:00am-10:50am (PHY 1412) Fivel, D
Th.....1:00pm- 1:50pm (PHY 1219) DIS
0305 MWF.....10:00am-10:50am (PHY 1412) Fivel, D
Th.....12:00pm-12:50pm (PHY 0405) DIS
0306 MWF.....10:00am-10:50am (PHY 1412) Fivel, D
Tu.....2:00pm- 2:50pm (PHY 1402) DIS
0401 MWF.....9:00am- 9:50am (PHY 1410) Kacser, C
M.....10:00am-10:50am (PHY 1219) DIS
0402 MWF.....9:00am- 9:50am (PHY 1410) Kacser, C
M.....1:00pm- 1:50pm (PHY 1219) DIS
0403 MWF.....9:00am- 9:50am (PHY 1410) Kacser, C
Th.....8:00am- 8:50am (PHY 1219) DIS
0404 MWF.....9:00am- 9:50am (PHY 1410) Kacser, C
Th.....12:00pm-12:50pm (PHY 4208) DIS
0405 MWF.....9:00am- 9:50am (PHY 1410) Kacser, C
Th.....3:00pm- 3:50pm (PHY 4208) DIS

PHYS171 Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD; Prerequisites: MATH 140, high school physics course or consent of department. Co-requisite: MATH 141. — 3 credits
0101 MTuThF.....9:00am- 9:50am (PHY 1402) STAFF
0201 MTuThF....11:00am-11:50am (PHY 0405) Alley, C

PHYS171H (PermReq) Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD; Prerequisite: MATH 140, high school physics course or consent of department.Co-requisite: MATH 141. — 3 credits
0101 MTuThF.....9:00am- 9:50am (PHY 4208) Redish, E

PHYS192 Introductory Physics: Thermodynamics, Waves and Special Relativity; Grade Method: REG/P-F/AUD; Co-requisite: PHYS 299A. Course meets University Studies Program Distributive Studies Lab Science requirement when taken with PHYS 196. — 3 credits
0101 MTuThF....10:00am-10:50am (PHY 1402) Das Sarma, S

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic; PHY 1214, MTWHF 10, 12, 2. PHYS 262A must be taken concurrently. Recitations begin week of September 7. — 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Mohapatra, R
M.....2:00pm- 2:50pm (PHY 1221) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1412) Mohapatra, R
Tu.....1:00pm- 1:50pm (PHY 1219) DIS
0103 MWF.....1:00pm- 1:50pm (PHY 1412) Mohapatra, R
M.....3:00pm- 3:50pm (PHY 4208) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1412) Mohapatra, R
M.....8:00am- 8:50am (PHY 4208) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1412) Mohapatra, R
W.....10:00am-10:50am (PHY 1219) DIS
0106 MWF.....1:00pm- 1:50pm (PHY 1412) Mohapatra, R
W.....2:00pm- 2:50pm (PHY 1402) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Hu, B
W.....1:00pm- 1:50pm (PHY 1402) DIS
0202 MWF.....11:00am-11:50am (PHY 1412) Hu, B
M.....2:00pm- 2:50pm (PHY 1402) DIS
0203 MWF.....11:00am-11:50am (PHY 1412) Hu, B
W.....12:00pm-12:50pm (PHY 1219) DIS
0204 MWF.....11:00am-11:50am (PHY 1412) Hu, B
F.....2:00pm- 2:50pm (PHY 1219) DIS
0205 MWF.....11:00am-11:50am (PHY 1412) Hu, B
Tu.....8:00am- 8:50am (PHY 1219) DIS
0206 MWF.....11:00am-11:50am (PHY 1412) Hu, B
Tu.....12:00pm-12:50pm (PHY 0405) DIS
0301 TuTh.....8:00am- 9:15am (PHY 1412) Lynn, J
Th.....2:00pm- 2:50pm (PHY 1221) DIS
0302 TuTh.....8:00am- 9:15am (PHY 1412) Lynn, J
F.....11:00am-11:50am (PHY 1221) DIS
0303 TuTh.....8:00am- 9:15am (PHY 1412) Lynn, J
Tu.....3:00pm- 3:50pm (PHY 1221) DIS
0304 TuTh.....8:00am- 9:15am (PHY 1412) Lynn, J
M.....2:00pm- 2:50pm (PHY 4208) DIS
0305 TuTh.....8:00am- 9:15am (PHY 1412) Lynn, J
Tu.....12:00pm-12:50pm (PHY 4220) DIS
0401 MW.....7:00pm- 9:00pm (PHY 1410) Tylka, A
MW.....7:00pm- 9:00pm (PHY 4220) DIS
0402 MW.....7:00pm- 9:00pm (PHY 1410) Tylka, A
MW.....7:00pm- 9:00pm (PHY 1402) DIS

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); Grade Method: NGI; PHYS 262 must be taken concurrently. Sections begin week of September 7. — No credit
0101 M.....1:00pm- 2:50pm (PHY 3219) LAB Zorn, G
0102 M.....3:00pm- 4:50pm (PHY 3219) LAB Zorn, G
0103 Tu.....8:00am- 9:50am (PHY 3219) LAB Zorn, G
0104 Tu.....10:00am-11:50am (PHY 3219) LAB Zorn, G
0105 Tu.....12:00pm- 1:50pm (PHY 3219) LAB Zorn, G
0106 Tu.....2:00pm- 3:50pm (PHY 3219) LAB Zorn, G
0107 Tu.....4:00pm- 5:50pm (PHY 3219) LAB Zorn, G
0108 W.....8:00am- 9:50am (PHY 3219) LAB Zorn, G
0109 W.....10:00am-11:50am (PHY 3219) LAB Zorn, G
0110 W.....12:00pm- 1:50pm (PHY 3219) LAB Zorn, G
0111 W.....2:00pm- 3:50pm (PHY 3219) LAB Zorn, G
0112 W.....4:00pm- 5:50pm (PHY 3219) LAB Zorn, G
0113 Th.....8:00am- 9:50am (PHY 3219) LAB Zorn, G
0114 Th.....10:00am-11:50am (PHY 3219) LAB Zorn, G
0115 Th.....12:00pm- 1:50pm (PHY 3219) LAB Zorn, G
0116 Th.....2:00pm- 3:50pm (PHY 3219) LAB Zorn, G
0117 Tu.....7:00pm- 8:50pm (PHY 3219) LAB Zorn, G
0118 Th.....4:00pm- 5:50pm (PHY 3219) LAB Zorn, G
0119 Th.....7:00pm- 8:50pm (PHY 3219) LAB Zorn, G

PHYS262H (PermReq) General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; PHYS 262A must be taken concurrently. — 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Mohapatra, R
Tu.....1:00pm- 1:50pm (PHY 1218) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Hu, B
Tu.....1:00pm- 1:50pm (PHY 1218) DIS
0301 TuTh.....8:00am- 9:15am (PHY 1412) Lynn, J
Tu.....1:00pm- 1:50pm (PHY 1218) DIS

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics clinic, PHY 1214, MTWHF 10, 11, 1. PHYS 263A must be taken concurrently. Recitations begin week of September 7. — 4 credits
0101 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
W.....10:00am-10:50am (PHY 1402) DIS
0102 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
M.....1:00pm- 1:50pm (PHY 0405) DIS
0103 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
W.....3:00pm- 3:50pm (PHY 1402) DIS
0104 MW.....4:00pm- 5:15pm (PHY 1410) Fivel, D
Tu.....1:00pm- 1:50pm (PHY 1221) DIS
0301 MWF.....12:00pm-12:50pm (PHY 1412) Gammon, R
Tu.....8:00am- 8:50am (PHY 4208) DIS
0302 MWF.....12:00pm-12:50pm (PHY 1412) Gammon, R
W.....10:00am-10:50am (PHY 1221) DIS
0303 MWF.....12:00pm-12:50pm (PHY 1412) Gammon, R
Tu.....3:00pm- 3:50pm (PHY 4208) DIS
0304 MWF.....12:00pm-12:50pm (PHY 1412) Gammon, R
W.....3:00pm- 3:50pm (PHY 4208) DIS
0305 MWF.....12:00pm-12:50pm (PHY 1412) Gammon, R
F.....1:00pm- 1:50pm (PHY 1219) DIS
0306 MWF.....12:00pm-12:50pm (PHY 1412) Gammon, R
Th.....1:00pm- 1:50pm (PHY 1221) DIS
0307 MWF.....12:00pm-12:50pm (PHY 1412) Gammon, R
M.....2:00pm- 2:50pm (PHY 4220) DIS

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); Grade Method: NGI; Laboratory. Sections begin week of September 7. PHYS 263 must be taken concurrently. — No credit
0101 M.....1:00pm- 2:50pm (PHY 3220) LAB Zorn, G
0102 M.....3:00pm- 4:50pm (PHY 3220) LAB Zorn, G
0103 Tu.....8:00am- 9:50am (PHY 3220) LAB Zorn, G
0104 Tu.....10:00am-11:50am (PHY 3220) LAB Zorn, G
0105 Tu.....12:00pm- 1:50pm (PHY 3220) LAB Zorn, G
0106 Tu.....2:00pm- 3:50pm (PHY 3220) LAB Zorn, G
0107 Tu.....4:00pm- 5:50pm (PHY 3220) LAB Zorn, G
0108 Tu.....7:00pm- 8:50pm (PHY 3220) LAB Zorn, G
0109 W.....8:00am- 9:50am (PHY 3220) LAB Zorn, G
0110 W.....10:00am-11:50am (PHY 3220) LAB Zorn, G
0111 W.....12:00pm- 1:50pm (PHY 3220) LAB Zorn, G
0112 W.....2:00pm- 3:50pm (PHY 3220) LAB Zorn, G
0113 W.....4:00pm- 5:50pm (PHY 3220) LAB Zorn, G
0114 Th.....8:00am- 9:50am (PHY 3220) LAB Zorn, G
0115 Th.....10:00am-11:50am (PHY 3220) LAB Zorn, G
0116 Th.....12:00pm- 1:50pm (PHY 3220) LAB Zorn, G
0117 Th.....2:00pm- 3:50pm (PHY 3220) LAB Zorn, G
0118 Th.....4:00pm- 5:50pm (PHY 3220) LAB Zorn, G
0119 Th.....7:00pm- 8:50pm (PHY 3220) LAB Zorn, G

PHYS293 Introductory Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD; Corequisite: PHYS 295 or 295H. Course meets University Studies Program Distributive Studies Lab Science requirement when taken with PHYS 295 or 295H. — 3 credits
0101 M.....11:00am-12:40pm (PHY 1402) Kelly, J
WF.....11:00am-11:50am (PHY 1402)

PHYS293H (PermReq) Introductory Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD; Corequisite: PHYS 295 or 295H. Course meets University Studies Program Distributive Studies Lab-Science requirement when taken with PHYS 295 or 295H. — 3 credits
0101 M.....11:00am-12:40pm (PHY 1402) Kelly, J
WF.....11:00am-11:50am (PHY 1402)

PHYS294 Introductory Physics: Optics and Modern Physics; Grade Method: REG/P-F/AUD; Co-requisite: PHYS 296 or 296H, and MATH 241 or 240. Course meets University Studies Program Distributive Studies Lab-Science requirement when taken with PHYS296 or 296H. — 3 credits
0101 M.....12:00pm-12:50pm (PHY 4220) Kacser, C
WF.....12:00pm- 1:15pm (PHY 4220)

PHYS294H (PermReq) Introductory Physics: Optics and Modern Physics; Grade Method: REG/P-F/AUD; Corequisite: PHYS 296 or 296H, and MATH 241 or 240. Course meets University Studies Program Distributive Studies Lab-Science requirement when taken with PHYS 296 or 296H. — 3 credits
0101 M.....12:00pm-12:50pm (PHY 4220) Kacser, C
WF.....12:00pm- 1:15pm (PHY 4220)

PHYS295 Introductory Laboratory in Electricity and Magnetism; Grade Method: REG/P-F/AUD; Corequisite: PHYS 293 or 293H. Labs begin first week of classes. Physics majors only. — 2 credits
0101 M.....2:00pm- 6:00pm (PHY 3211) LAB Boyd, D
0201 Tu.....12:00pm- 4:00pm (PHY 3211) LAB Richard, J
0301 W.....1:00pm- 5:00pm (PHY 3211) LAB Mason, G
0401 Th.....1:00pm- 5:00pm (PHY 3211) LAB Richard, J

PHYS295H (PermReq) Introductory Laboratory in Electricity and Magnetism; Grade Method: REG/P-F/AUD; Corequisite: PHYS 293 or 293H. Labs begin first week of classes. — 2 credits
0101 M.....2:00pm- 6:00pm (PHY 3211) LAB Boyd, D
0201 Tu.....12:00pm- 4:00pm (PHY 3211) LAB Richard, J
0301 W.....1:00pm- 5:00pm (PHY 3211) LAB Mason, G
0401 Th.....1:00pm- 5:00pm (PHY 3211) LAB Richard, J

PHYS296 Introductory Laboratory in Electromagnetic Waves; Grade Method: REG/P-F/AUD; Corequisite: PHYS 294 or 294H. Labs begin first week of classes. Physics majors only. — 2 credits
0101 W.....2:00pm- 6:00pm (PHY 3104) LAB Chang, C
0201 Th.....1:00pm- 5:00pm (PHY 3104) LAB Chang, C

PHYS296H (PermReq) Introductory Laboratory in Electromagnetic Waves; Grade Method: REG/P-F/AUD; Corequisite: PHYS 294 or 294H. Labs begin first week of classes. — 2 credits
0101 W.....2:00pm- 6:00pm (PHY 3104) LAB Chang, C
0201 Th.....1:00pm- 5:00pm (PHY 3104) LAB Chang, C

PHYS299 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS299A (PermReq) Special Problems in Physics: Introductory Physics for Physics Majors; Grade Method: REG/P-F/AUD; Labs begin first week of classes. — 1 credit
0101 M.....3:00pm- 5:50pm (PHY 3203) LAB Desilva, A
0201 M.....12:00pm- 2:50pm (PHY 3203) LAB Ellis, R

PHYS299C Special Problems in Physics: Physics for Managers and Analysts; Grade Method: REG/P-F/AUD; Prerequisite: MATH 220 or MATH 140. — 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 0405) Misner, C

PHYS301 (PermReq) Intermediate Theoretical Physics; Grade Method: REG/P-F/AUD; Prerequisites: PHYS 142 and MATH 241. — 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 1402) Anderson, J

PHYS305 Physics Shop Techniques; Grade Method: REG/P-F/AUD; — 1 credit
0101 Th.....2:00pm- 5:00pm (PHY 0125) LAB Scesa, B

PHYS386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

PHYS387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

PHYS389 (PermReq) Undergraduate Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS395 Advanced Experiments; Grade Method: REG/P-F/AUD; In conjunction with lab hours scheduled below additional required lab time will be arranged. Labs begin first week of classes. Physics majors only. — 3 credits
0101 Th.....1:00pm- 5:00pm (PHY 3210) LAB Roos, P
0102 W.....1:00pm- 5:00pm (PHY 3210) LAB Roos, P

PHYS398 (PermReq) Independent Studies Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS398A Independent Studies Seminar; Grade Method: REG/P-F/AUD; Introduction to particle physics. — 1 credit
0101 Th.....3:00pm- 3:50pm (PHY 1218) Gates Jr., S

PHYS399 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS400 Basic Concepts of Physics I; Grade Method: REG/P-F/AUD; Intended only for students who will continue in PHYS 401. — 3 credits
0101 MWF.....9:00am- 9:50am (PHY 0405) Falk, D

PHYS410 Elements of Theoretical Physics: Mechanics; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....9:00am-10:50am (PHY 1219) Ferrell, R

PHYS411 Elements of Theoretical Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....9:00am-10:50am (PHY 1221) Chen, H

PHYS420 Principles of Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 1412) Siegel, W

PHYS421 Introduction to Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (PHY 1219) Korenman, V

PHYS422 Modern Physics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (PHY 0405) Hornyak, W

PHYS429 (PermReq) Atomic and Nuclear Physics Laboratory; Grade Method: REG/P-F/AUD; Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. Physics majors only. — 3 credits
0101 W.....1:00pm- 6:00pm (PHY 3333) LAB Goldenbaum, G
0201 Th.....12:00pm- 5:00pm (PHY 3333) LAB Gloeckler, G

PHYS499A (PermReq) Special Problems in Physics: Individual Problems with Laboratory; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499B (PermReq) Special Problems in Physics: Individual Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499C Special Problems in Physics: Physics of Music; Grade Method: REG/P-F/AUD; Credit cannot be received for both PHYS 102 and PHYS 499C. — 3 credits
0301 TuTh.....2:00pm- 3:15pm (PHY 1410) Sucher, J

PHYS499D Special Problems in Physics: The Scientific Revolution: From Copernicus to Newton; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (SYM 0200) Brush, S

PHYS499F Special Problems in Physics: Twentieth Century Physics - Physics for Managers and Analysts; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: MATH 220 or MATH 140. — 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 0405) Misner, C

PHYS499G Special Problems in Physics: General Relativity and Gravitation; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1221) Weber, J

PHYS601 Theoretical Dynamics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 0405) Kim, Y

PHYS602 Statistical Physics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (PHY 4208) Glick, A

PHYS604 Methods of Mathematical Physics; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PHY 1219) Steinberg, P
TuTh.....11:00am-12:15pm (PHY 1221)

PHYS606 Electrodynamics; Grade Method: REG/AUD; — 4 credits
0101 TuTh.....9:00am-10:50am (PHY 0405) Gluckstern, R

PHYS607 Advanced Classical Physics; Grade Method: REG/AUD; — 3 credits
0101 WF.....8:30am- 9:45am (PHY 1221) Prange, R

PHYS621 Graduate Laboratory; Grade Method: REG/AUD; All labs will extend 1 hour beyond those listed below. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. — 3 credits
0101 W.....1:00pm- 6:00pm (PHY 3333) LAB Goldenbaum, G
0201 Th.....12:00pm- 5:00pm (PHY 3333) LAB Gloeckler, G

PHYS622 Introduction to Quantum Mechanics I; Grade Method: REG/AUD; — 4 credits
0201 M.....11:00am-12:45pm (PHY 1219) Woo, C
WF.....11:00am-11:50am (PHY 1219)

PHYS623 Introduction to Quantum Mechanics II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 1219) Wang, C

PHYS624 Advanced Quantum Mechanics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (PHY 4208) Oneda, S

PHYS704 Statistical Mechanics; Grade Method: REG/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (PHY 4220) Kirkpatrick, T

PHYS709 Seminar in General Physics: Statistical Physics Seminar; Grade Method: REG/AUD; — 1 credit
0101 Tu.....12:00pm-12:50pm (Arranged) Sengers, J

PHYS718 Seminar in General Physics: Atomic Physics and Quantum Electronics; Grade Method: REG/AUD; — 1 credit
0101 F.....1:30pm- 3:00pm (PHY 1218) Alley, C

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 4:50pm (PHY 4220) Gluckstern, R

PHYS731 Solid State Physics: Survey; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:30pm- 4:00pm (PHY 1219) Einstein, T

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; — 1 credit
0101 Th.....4:00pm- 4:50pm (PHY 4220) Williams, E

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; — 1 credit
0101 Th.....4:00pm- 4:50pm (PHY 4220) Williams, E

PHYS741 Nuclear Physics: Survey; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....1:00pm- 2:15pm (PHY 0405) Chang, C

PHYS748 Seminar in Experimental Nuclear Physics; Grade Method: REG/AUD; — 1 credit
0101 M.....3:00pm- 4:30pm (PHY 1218) Chant, N

PHYS749 Seminar in Theoretical Nuclear Physics; Grade Method: REG/AUD; — 1 credit

0101 W.....4:00pm- 5:30pm (PHY 1218) Banerjee, M

~~PHYS751~~ Elementary Particle Physics I: Survey; Grade Method: REG/AUD; 3 credits
0101 ThF.....2:30pm- 3:45pm (PHY 1402) Yodh, G

~~PHYS758~~ Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 4:50pm (PHY 4208) Steinberg, P

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; Grade Method: REG/AUD; 1 credit
0101 M.....3:00pm- 5:00pm (PHY 4102) Mohapatra, R

~~PHYS761~~ Plasma Physics I: Survey; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (PHY 1402) Hassam, A

~~PHYS769~~ Seminar in Plasma Physics; Grade Method: REG/AUD; Class will meet in LPF 1207. 1 credit
0101 M.....1:30pm- 2:30pm (Arranged) Hassam, A

PHYS778 Seminar in Space and Cosmic Ray Physics: High Energy Astrophysics; Grade Method: REG/AUD; 1 credit
0101 M.....4:30pm- 5:45pm (CSS 1113) Gloeckler, G

PHYS779 Seminar in General Relativity; Grade Method: REG/AUD; 1 credit
0101 W.....11:00am- 1:00pm (PHY 1218) Paik, H

PHYS798 Special Problems in Advanced Physics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHYS798A Special Problems in Advanced Physics: Introduction to Superconductivity; Grade Method: REG/AUD; Pre- or co-requisite PHYS 731. 2 credits
0101 M.....4:00pm- 6:00pm (PHY 0405) Lynn, J

~~PHYS799~~ Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHYS808 Special Topics in General Physics: Catalysis; Grade Method: REG/AUD; Some background in physical chemistry (especially kinetics) is necessary in order to take this course. 2 credits
0101 W.....5:30pm- 7:10pm (CHE 2120) Spencer, N

PHYS849 Special Topics in Theoretical Nuclear Physics: Contemporary Topics - Relativistic Nuclear Physics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (PHY 1402) Wallace, S

PHYS875 Theory of Relativity: Survey; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:50am (PHY 1218) Brill, D

PHYS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Physics Colloquim meets TU 4-5.30 in PHY 1410 and PHY 1412. Physics Journal Club meets Th 4-5.30 in PHY 1410.

PORT Portuguese (Arts and Humanities)

PORT101 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1226) STAFF
Tu.....12:00pm-12:50pm (JMZ 1224)

PORT102 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1226) STAFF
Tu.....1:00pm- 1:50pm (JMZ 1224)

PORT203 Intermediate Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....11:00am-11:50am (JMZ 1120) STAFF
Tu.....11:00am-11:50am (JMZ 1211)

PORT205 Intermediate Conversation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2215F) Igel, R

PORT221 Introduction to Brazilian Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1215) Igel, R

PORT399 (PermReq) Independent Study in Portuguese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PORT478 Themes and Movements of Luso-Brazilian Literature in Translation: Portuguese Literature in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1125) Igel, R

PSYC Psychology (Behavior & Social Sci)

PSYC100 Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Discussion sections do not meet until after first lecture. 3 credits
0110 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....12:00pm-12:50pm (ZOP 1124) DIS
0111 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....1:00pm- 1:50pm (ZOP 1124) DIS
0112 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....2:00pm- 2:50pm (ZOP 1124) DIS
0113 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....3:00pm- 3:50pm (ZOP 1124) DIS
0114 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....11:00am-11:50am (ZOP 1240) DIS
0115 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....12:00pm-12:50pm (ZOP 1124) DIS
0116 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....1:00pm- 1:50pm (ZOP 1124) DIS
0117 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....2:00pm- 2:50pm (ZOP 1124) DIS
0118 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....3:00pm- 3:50pm (ZOP 1124) DIS
0119 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....9:00am- 9:50am (ZOP 1124) DIS
0120 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....10:00am-10:50am (ZOP 1124) DIS
0121 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....11:00am-11:50am (ZOP 1124) DIS
0122 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....12:00pm-12:50pm (ZOP 1124) DIS
0123 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....1:00pm- 1:50pm (ZOP 1124) DIS
0220 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
W.....3:00pm- 3:50pm (ZOP 1228) DIS
0221 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
W.....4:00pm- 4:50pm (ZOP 1228) DIS
0222 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
Th.....9:00am- 9:50am (ZOP 1228) DIS
0223 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
Th.....10:00am-10:50am (ZOP 1228) DIS
0224 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
Th.....11:00am-11:50am (ZOP 1228) DIS
0225 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
Th.....12:00pm-12:50pm (ZOP 1228) DIS
0226 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
Th.....1:00pm- 1:50pm (ZOP 1228) DIS
0227 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
Th.....2:00pm- 2:50pm (ZOP 1228) DIS
0228 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
Th.....3:00pm- 3:50pm (ZOP 1228) DIS
0229 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
F.....9:00am- 9:50am (ZOP 1228) DIS
0230 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
F.....10:00am-10:50am (ZOP 1228) DIS
0231 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
F.....11:00am-11:50am (ZOP 1228) DIS
0232 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
F.....12:00pm-12:50pm (ZOP 1228) DIS
0233 MW.....2:00pm- 2:50pm (ZOP 1240) Moriarty, B
F.....1:00pm- 1:50pm (ZOP 1228) DIS
0330 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
Th.....8:00am- 8:50am (ZOP 1232) DIS
0331 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
Th.....9:00am- 9:50am (ZOP 1232) DIS
0332 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
Th.....1:00pm- 1:50pm (ZOP 1232) DIS
0333 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
Th.....2:00pm- 2:50pm (ZOP 1232) DIS
0334 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
Th.....3:00pm- 3:50pm (ZOP 1232) DIS
0335 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
Th.....4:00pm- 4:50pm (ZOP 1232) DIS
0336 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
F.....8:00am- 8:50am (ZOP 1232) DIS
0337 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
F.....9:00am- 9:50am (ZOP 1232) DIS
0338 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
F.....10:00am-10:50am (ZOP 1232) DIS
0339 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
F.....12:00pm-12:50pm (ZOP 1232) DIS
0340 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
F.....1:00pm- 1:50pm (ZOP 1232) DIS
0341 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
F.....2:00pm- 2:50pm (ZOP 1232) DIS
0342 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
F.....3:00pm- 3:50pm (ZOP 1232) DIS
0343 TuTh.....12:00pm-12:50pm (ZOP 1240) Fretz, B
F.....4:00pm- 4:50pm (ZOP 1232) DIS

PSYC100H (PermReq) Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Honors. Permission may be obtained in the General Honors Program Office (0110 Hornbake) or in ZOP 1141. 3 credits
0201 TuTh.....11:00am-12:15pm (ZOP 1236) Hodos, W

PSYC200 Statistical Methods in Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 and MATH 111 or 140 or 220. 3 credits
0101 MWF.....9:00am- 9:50am (ZOP 2283) Larkin, W
0201 MWF.....10:00am-10:50am (ZOP 2283) Norman, K
0301 MWF.....11:00am-11:50am (ZOP 1238) Larkin, W
0401 TuTh.....9:30am-10:45am (ZOP 1238) Penner, M
0501 TuTh.....2:00pm- 3:15pm (ZOP 1238) Penner, M

PSYC221 Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. 3 credits
0110 MW.....1:00pm- 1:50pm (ZOP 1240) STAFF
W.....2:00pm- 2:50pm (ZOP 1234) DIS
0111 MW.....1:00pm- 1:50pm (ZOP 1240) STAFF
W.....3:00pm- 3:50pm (ZOP 1234) DIS
0112 MW.....1:00pm- 1:50pm (ZOP 1240) STAFF
W.....4:00pm- 4:50pm (ZOP 1234) DIS
0113 MW.....1:00pm- 1:50pm (ZOP 1240) STAFF
Th.....12:00pm-12:50pm (ZOP 1234) DIS
0114 MW.....1:00pm- 1:50pm (ZOP 1240) STAFF
Th.....1:00pm- 1:50pm (ZOP 1238) DIS
0115 MW.....1:00pm- 1:50pm (ZOP 1240) STAFF
Th.....2:00pm- 2:50pm (ZOP 1234) DIS
0116 MW.....1:00pm- 1:50pm (ZOP 1240) STAFF
F.....10:00am-10:50am (ZOP 1234) DIS
0117 MW.....1:00pm- 1:50pm (ZOP 1240) STAFF
F.....11:00am-11:50am (ZOP 1234) DIS
0118 MW.....1:00pm- 1:50pm (ZOP 1240) STAFF
F.....12:00pm-12:50pm (ZOP 1234) DIS
0119 MW.....1:00pm- 1:50pm (ZOP 1240) STAFF
F.....1:00pm- 1:50pm (ZOP 1234) DIS

PSYC301 Biological Basis of Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PSYC 100. 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1250) Brauth, S

PSYC310 Perception; Grade Metbod: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1243) Sternheim, C

PSYC332 Psychology of Human Sexuality; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1243) Brown, R

PSYC337 Introduction to Community Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. 3 credits
0101 MWF.....11:00am-11:50am (ZOP 1243) Steele, R

PSYC341 Introduction to Memory and Cognition; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1243) Horton, D

PSYC353 Adult Psychopathology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students who have earned credit for PSYC 331 or 431 cannot also receive credit for PSYC 353. Prerequisite: PSYC 100. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1240) Lampert, H

PSYC354 Cross-Cultural Psychology; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: 6 credits in psychology. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 2283) Tyler, F

PSYC355 Child Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students who have earned credit for PSYC 433 cannot also earn credit for PSYC 355. Prerequisite: PSYC 100. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1250) Scholnick, E
0201 TuTh.....3:30pm- 4:45pm (ZOP 1243) Doussard-Roosev

PSYC357 Psychology of Adulthood and Aging; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1238) Plude, D

PSYC361 Survey of Industrial and Organizational Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. 3 credits
0101 MWF.....10:00am-10:50am (ZOP 1243) Diehl, V
0201 TuTh.....9:30am-10:45am (ZOP 1236) Gessner, M

PSYC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Information about the psychology field work program may be obtained in ZOP 1141. 1-3 credits
0101 W.....3:00pm- 5:00pm (ZOP 1236) Coursey, R

PSYC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Information about the psychology field work program may be obtained in ZOP 1141. 1 credit
0101 Time and room to be arranged Coursey, R

PSYC400 (PermReq) Experimental Psychology: Learning and Motivation; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 200 or a course in statistics from an approved departmental list; and completion of the departmentally required English, math, and science supporting course sequence. Permission may be obtained in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. 4 credits
0101 TuTh.....10:00am-10:50am (ZOP 1243) McIntire, R
MTuThF....11:00am-11:50am (ZOP 4102) LAB
0102 TuTh.....10:00am-10:50am (ZOP 1243) McIntire, R
MTuThF....12:00pm-12:50pm (ZOP 4102) LAB
0103 TuTh.....10:00am-10:50am (ZOP 1243) McIntire, R
MTuThF....1:00pm- 1:50pm (ZOP 4102) LAB
0104 TuTh.....10:00am-10:50am (ZOP 1243) McIntire, R
MTuThF....2:00pm- 2:50pm (ZOP 4102) LAB
0105 TuTh.....10:00am-10:50am (ZOP 1243) McIntire, R
MTuThF....3:00pm- 3:50pm (ZOP 4102) LAB
0106 TuTh.....10:00am-10:50am (ZOP 1243) McIntire, R
MTuThF....9:00am- 9:50am (ZOP 4102) LAB

PSYC410 (PermReq) Experimental Psychology: Sensory Processes I; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 and completion of the departmentally required English, math, and science supporting course sequence. A student who has completed PSYC 310 must have permission of the instructor to register for PSYC 410. All others must obtain permission in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. 4 credits
0101 TuTh.....9:30am-10:45am (ZOP 2283) Sternheim, C
Th.....1:00pm- 3:00pm (ZOP 0124) LAB
0102 TuTh.....9:30am-10:45am (ZOP 2283) Sternheim, C
Th.....3:00pm- 5:00pm (ZOP 0124) LAB

PSYC420 (PermReq) Experimental Psychology: Social Processes I; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 or a statistics course from an approved departmental list, PSYC 221, completion of the departmentally required English, math and science supporting course sequence. Permission may be obtained in ZOP 1141. Department approval is required after first week of classes. Waitlist is discontinued after first week of classes. 4 credits
0101 MW.....2:00pm- 2:50pm (ZOP 0147) Mills Jr, J
TuTh.....11:00am- 1:00pm (ZOP 0147) LAB
0102 MW.....2:00pm- 2:50pm (ZOP 0147) Mills Jr, J
TuTh.....1:00pm- 3:00pm (ZOP 0147) LAB
0103 MW.....2:00pm- 2:50pm (ZOP 0147) Mills Jr, J
WF.....9:00am-11:00am (ZOP 0147) LAB
0104 MW.....2:00pm- 2:50pm (ZOP 0147) Mills Jr, J
WF.....11:00am- 1:00pm (ZOP 0147) LAB

PSYC432 Introduction to Counseling Psychology; Grade Method: REG/P-F/AUD; Prerequisite: 9 credits in psychology. 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 2283) Gelso, C

PSYC435 Personality Theories; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200. 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1236) Ciccarello, R

PSYC436 Introduction to Clinical Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. 3 credits
0101 MWF.....9:00am- 9:50am (ZOP 1243) Dies, R

PSYC440 (PermReq) Experimental Psychology: Cognitive Processes; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 or a statistics course from an approved departmental list, and completion of the departmentally required English, math and science supporting course sequence. Permission may be obtained in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. 4 credits
0101 MW.....10:00am-10:50am (ZOP 1236) Johnson, J
M.....1:00pm- 5:00pm (ZOP 0124) LAB
0102 MW.....10:00am-10:50am (ZOP 1236) Johnson, J
Tu.....1:00pm- 5:00pm (ZOP 0124) LAB

PSYC457 Cultural Context of Psychological Development; Grade Method: REG/P-F/AUD; Prerequisites: PSYC 100 and either 355, 356, 357. 3 credits
0101 MWF.....12:00pm-12:50pm (ZOP 2283) Johnson, J

PSYC460 Psychological Foundations of Personnel Selection and Training; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200. 3 credits
0101 MWF.....11:00am-11:50am (ZOP 1236) Hanges, P

PSYC464 Psychology of Leaders in Work Organizations; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 361. 3 credits
0101 M.....4:00pm- 6:30pm (ZOP 1236) Klein, K

PSYC468H (PermReq) Field Experience and Special Assignments in Honors; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1141. 1-3 credits

PSYC469H (PermReq) Honors Thesis Proposal Preparation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1141. 1-3 credits

PSYC478 (PermReq) Independent Study in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1141. 1-3 credits

PSYC479 (PermReq) Special Research Problems in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

Information about research credit may be obtained in ZOP 1141. 1-3 credits

PSYC488H (PermReq) Advanced Psychology I (Honors); Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 and consent of the honors committee. Please go to ZOP 1141 to request permission. 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1234) Hall, W

PSYC499H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Permission of the thesis advisor. Permission may be obtained in ZOP 1141.

Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 courses and above. 3 credits

PSYC601 Quantitative Methods; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and dept. is required. 3 credits
0101 TuTh.....10:00am-12:00pm (ZOP 1232) Anderson, N

PSYC611 Advanced Developmental Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. 3 credits
0101 Th.....12:30pm- 3:00pm (ZOP 1105) Hall, W

PSYC612 Theories of Personality; Grade Method: REG/AUD; 3 credits
0101 F.....1:00pm- 4:00pm (ZOP 1105) Smith, B

PSYC640 Fundamentals of Social Psychology; Grade Method: REG/AUD; PSYC majors only 3 credits
0101 Th.....3:00pm- 5:30pm (ZOP 3132) Sigall, H
Time and room to be arranged LAB

PSYC701 Multivariate Analysis I; Grade Method: REG/AUD; For all non PSYC graduate students. 3 credits
0101 Tu.....1:00pm- 4:00pm (ZOP 1112) Ogrady, K

PSYC707 Theory of Decision and Choice; Grade Method: REG/AUD; For all non-PSYC graduate students. 3 credits
0101 M.....2:00pm- 4:30pm (ZOP 1105) Norman, K

PSYC713 Fundamentals of Clinical Psychology; Grade Method: REG/AUD; 3 credits
0101 W.....9:00am-12:00pm (ZOP 1105) Trickett, E

PSYC718 Research Issues in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. 3 credits
0101 Time and room to be arranged Gelso, C

PSYC719 Seminar in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. 3 credits
0101 Th.....2:00pm- 5:00pm (ZOP 1112) Tyler, F
0201 Tu.....12:30pm- 3:00pm (ZOP 1105) Allen, L

PSYC721 Seminar and Laboratory in Behavioral Assessment I; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. 2 credits
0101 M.....9:00am- 1:00pm (ZOP 1228) Coursey, R

PSYC722 Seminar and Laboratory in Behavioral Assessment I; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. 2 credits
0101 W.....9:00am-11:00am (ZOP 1112) Steele, R

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. 3 credits
0101 M.....9:00am-11:00am (ZOP 2109) Brown, R
Th.....9:00am-12:00pm (Arranged) LAB
0201 Time and room to be arranged Dies, R
0301 W.....1:00pm- 4:00pm (ZOP 1105) Lorion, R
F.....9:00am-11:00am (ZOP 1105)

PSYC729 Advanced Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 M.....10:00am- 1:00pm (ZOP 1112) Allen, L
0102 W.....12:00pm- 3:00pm (ZOP 2109) Trickett, E

PSYC730 Introduction to Industrial and Organizational Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 2109) Klein, K

PSYC733 Organizational Psychology; Grade Method: REG/AUD; For all non - PSYC graduate students, permission of instructor is required. — 3 credits
0101 Tu.....9:00am-12:00pm (ZOP 1112) Schneider, B

PSYC740 Social Psychology Research Methodology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 M.....9:30am-12:00pm (ZOP 3132) Mills Jr, J

PSYC748 Seminar in Social Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 W.....3:00pm- 5:30pm (ZOP 3132) STAFF

PSYC749 Current Research in Social Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 1-3 credits
0101 M.....4:00pm- 6:30pm (ZOP 3132) Sigall, H

PSYC765 Seminar in Psychopharmacology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 1105) Brauth, S

PSYC768 Conditioning and Learning; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 M.....3:00pm- 5:30pm (ZOP 1124) McIntire, R

PSYC789 Special Research Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

PSYC798 Graduate Seminar; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 2 credits
0101 W.....3:00pm- 5:30pm (ZOP 2109) Hodos, W

PSYC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. For all non-PSYC graduate students, permission of instructor and department is required. — 1-6 credits

PSYC819 Seminar in Personality and Development; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 3 credits
0101 W.....2:00pm- 4:30pm (ZOP 1112) Plude, D

PSYC888 Research Methods in Psychology; Grade Method: REG/AUD; For all non-PSYC graduate students, permission of instructor and department is required. — 1-3 credits
0101 M.....10:00am-12:00pm (ZOP 1124) Schneider, B
0201 Tu.....9:30am-11:00am (ZOP 1105) Fretz, B
0301 M.....9:30am-11:00am (ZOP 1105) Fretz, B
0401 W.....3:00pm- 6:00pm (ZOP 1232) Norman, K

PSYC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

PUAF Public Affairs (Public Affairs)

PUAF600 Introduction to Financial Management; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:30pm (TLF 0103) Fettus, S

PUAF610 Quantitative Methods in Policy Analysis; Grade Method: REG/AUD; For majors only. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1208) Cohen, M
Th.....6:45pm- 7:30pm (LEF 1201) DIS
0201 Th.....4:00pm- 6:30pm (TAA 1122) Cohen, M
Th.....6:45pm- 7:30pm (LEF 1201) DIS

PUAF620 Political Analysis; Grade Method: REG/AUD; For majors only. — 3 credits
0101 MW.....11:00am-12:15pm (ARM 0117) Schick, A

PUAF630 Government Intervention in the Private Sector; Grade Method: REG/AUD; For majors only or departmental permission. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1208) Destler, I

PUAF640 Microeconomic Theory and Policy Analysis; Grade Method: REG/AUD; For majors only. — 3 credits
0101 MW.....9:30am-10:45am (TAA 1122) STAFF

PUAF641 Macroeconomic Theory and Policy Analysis; Grade Method: REG/AUD; For majors only or departmental permission. — 3 credits
0101 Tu.....7:00pm- 9:30pm (LEF 1222) Marquez, J

PUAF650 Normative Analysis; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0201 M.....4:00pm- 6:30pm (LEF 1208) Brown, P

PUAF698A Selected Topics in Public Affairs: Introduction to the Policy Process; Grade Method: REG/AUD; For majors only or department permission. — 1 credit
0101 M.....1:30pm- 3:00pm (TAA 1122) Morris, F

PUAF698C Selected Topics in Public Affairs: Regional Security: Managing Alliance Relations; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0101 M.....4:00pm- 6:30pm (TLF 1102) Kelleher, C

PUAF698G Selected Topics in Public Affairs: Regulatory Analysis; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:30pm (TLF 1101) Crandall, R

PUAF698T Selected Topics in Public Affairs: Political Economy of U.S. Trade Policy; Grade Method: REG/AUD; Prerequisites: PUAF 620, 640 and 641 or permission of instructor. — 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1201) Destler, I

PUAF701 Public Policies Toward Business: Legal Institutions; Grade Method: REG/AUD; For majors only or permission of instructor. — 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 1201) Harter, P

PUAF710 Public Sector Program Operations; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1208) Ards, S

PUAF712 Advanced Financial Management; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0101 W.....1:00pm- 3:30pm (WDS 1131) Slater, S

PUAF720 The Security Policy Agenda I; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 1208) Nacht, M

PUAF723 Ethics and National Security Policy; Grade Method: REG/AUD; For majors only or departmental permission. — 3 credits
0101 W.....4:00pm- 6:30pm (TLF 0110) Fullinwider, R

PUAF752 Tactics and Principles of Negotiation; Grade Method: REG/AUD; Prerequisite: PUAF 610 or permission of instructor.
0101 M.....1:00pm- 3:30pm (TAA 1130) Young, H

PUAF755 Computers as an Aid to Decision Making; Grade Method: REG/AUD; — 3 credits
0101 Th.....1:00pm- 3:30pm (TAA 1122) Ards, S

PUAF757 The Politics of Budgeting; Grade Method: REG/AUD; For majors only or department permission. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1201) Schick, A

PUAF790 Project Course; Grade Method: REG/AUD; For majors only. — 3 credits
0101 Time and room to be arranged Kelleher, C

PUAF798B Readings in Public Policy; Grade Method: REG; Majors only. — 1-3 credits
0101 Time and room to be arranged Slater, S

RECR Recreation (Phys Ed, Recr, & Health)

RECR130 Recreation and Leisure; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; All recreation majors enrolled in RECR 130 must enroll for RECR 489R at the same time. — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 1301) Iso-Ahola, S

RECR270 Leisure Services and Special Populations; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0307) STAFF

RECR271 Implications of Disabling Conditions For Therapeutic Recreation; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (PRH 0307) Annand, V

RECR300 Senior Seminar; Grade Method: REG; Limited to recreation majors only. — 1 credit
0101 Th.....4:15pm- 5:30pm (PRH 0305) STAFF

RECR335 Recreation and Leisure; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 1312) Leedy, C

RECR341 (PermReq) Field Work II; Grade Method: REG; Limited to recreation majors only. Prerequisite: RECR 300. — 8 credits
0101 Th.....5:30pm- 6:45pm (PRH 0305) LAB Annand, V
Time and room to be arranged LAB

RECR350 Recreational Use of Natural Areas; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 0307) Kuss, F

RECR375 Principles of Therapeutic Recreation; Grade Method: REG; Prerequisite: RECR 270. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 0305) Annand, V

RECR386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester. — 1-3 credits

RECR387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester. — 1-3 credits

RECR410 Measurement and Evaluation in Recreation; Grade Method: REG/P-F/AUD; At least 56 credits earned. Prerequisite: RECR 130 or RECR 325 or consent of instructor. — 3 credits
0101 MW.....4:15pm- 5:30pm (PRH 1303) Leedy, C

RECR420 Program Planning and Analysis; Grade Method: REG/P-F/AUD; Prerequisite: RECR 130 or RECR 325; RECR 220 recommended. — 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0305) Strobell, A

RECR432 Philosophy of Recreation; Grade Method: REG/P-F/AUD; Limited to recreation majors only. At least 56 credits earned. — 3 credits
0101 TuTh.....8:00am- 9:15am (PRH 0303) Verhoven Jr., P

RECR440 Leisure Services for the Aging; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....1:00pm- 4:00pm (PRH 0301) Riddick, C

RECR460 Leadership Techniques and Practices; Grade Method: REG/P-F/AUD; At least 56 credits earned. Prerequisite: RECR 130 or RECR 325. — 3 credits
0101 MWF.....10:00am-10:50am (PRH 0307) Ward, V

RECR489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. — 1-6 credits

RECR489R Field Laboratory Projects and Workshop: Orientation to Leisure Service; Grade Method: REG; Limited to recreation majors. Must enroll for RECR 130 at the same time. — 1 credit
0101 F.....12:00pm- 2:00pm (PRH 0301) LAB Churchill, J

RECR490 Organization and Administration of Recreation; Grade Method: REG/P-F/AUD; At least 56 credits earned — 3 credits
0101 MWF.....11:00am-11:50am (PRH 1301) Churchill, J

RECR493 Tourism and Commercial Leisure Services; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 0307) Verhoven Jr., P

RECR498C Special Topics in Recreation: Sign Language and Recreation for the Deaf; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (PRH 1301) STAFF

RECR498P Special Topics in Recreation: Foundations of the Leisure Profession; Grade Method: REG/P-F/AUD; Not offered for graduate credit. — 3 credits
0101 Tu.....4:15pm- 7:00pm (PRH 0307) Strobell, A

RECR498W Special Topics in Recreation: Wilderness Area Management; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (PRH 0303) Kuss, F

RECR498Y Special Topics in Recreation: Computer Applications in Leisure Services; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (PRH 1304) Fedler, A

RECR600 Seminar in Recreation; Grade Method: REG/AUD; — 1 credit
0101 M.....4:15pm- 7:00pm (PRH 0301) Riddick, C

RECR610 Methods and Techniques of Research; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (PRH 0307) Iso-Ahola, S

RECR633 Foundations of Recreation; Grade Method: REG/AUD; Required for all entering graduate students. — 3 credits
0101 Th.....4:15pm- 7:00pm (PRH 0303) Fedler, A

RECR634 Philosophical and Conceptual Foundations of Leisure; Grade Method: REG/AUD; RECR 633 must be taken prior to enrollment. Graduate students only. — 3 credits
0101 Th.....4:15pm- 7:00pm (PRH 0301) Strobell, A

RECR660 Group Processes; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:45pm (PRH 0305) Ward, V

RECR688 (PermReq) Special Problems in Recreation; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Graduate students only — 1-6 credits

RECR688B Special Problems in Recreation: Administrative Issues in Leisure Services for Therapeutic Recreation; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (PRH 0305) Humphrey, F

RECR689 (PermReq) Independent Study; Grade Method: REG/AUD; For graduate students in therapeutic recreation only. Must have department approval prior to registration. — 1-6 credits
0101 Time and room to be arranged LAB STAFF

RECR690 Administrative Direction of Recreation; Grade Method: REG/AUD; Graduate students only. — 3 credits
0101 W.....7:00pm- 9:45pm (PRH 0307) Churchill, J

RECR700 Advanced Doctoral Seminar; Grade Method: REG/AUD; — 1 credit
0101 M.....4:15pm- 7:00pm (PRH 0301) Riddick, C

RECR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

RECR899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

RTVF Radio Television and Film (Arts and Humanities)

RTVF124 Mass Communication in 20th Century Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Credits earned do not count toward a major in RTVF. — 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2154) STAFF

RTVF 222 and 223 (grades of "C" or better) are prerequisites for majors prior to enrollment in upper level broadcasting courses. RTVF 222 and 314 (grades of "C" or better) are prerequisites prior to enrollment in all additional upper level film courses. Non-majors are required to obtain instructor's consent for all upper level RTVF courses. All students are limited to one production course per semester unless permission is obtained prior to registration.

RTVF222 Introduction to Radio, Television, and Film; Grade Method: REG/P-F/AUD: — 3 credits
0101 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
M.....8:00am- 9:50am (TWS 0135) LAB
0102 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....8:00am- 9:50am (TWS 0135) LAB
0103 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....8:00am- 9:50am (TWS 0135) LAB
0104 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
M.....10:00am-11:50am (TWS 0135) LAB
0105 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....10:00am-11:50am (TWS 0135) LAB
0106 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....10:00am-11:50am (TWS 0135) LAB
0107 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
W.....2:00pm- 3:50pm (TWS 0135) LAB
0108 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
F.....2:00pm- 3:50pm (TWS 0135) LAB
0109 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Tu.....9:00am-10:50am (TWS 0135) LAB
0110 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
M.....10:00am-11:50am (TWS 0135) LAB
0111 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Tu.....11:00am-12:50pm (TWS 0135) LAB
0112 MW.....1:00pm- 1:50pm (ARC 0204) Brown, D
Th.....11:00am-12:50pm (TWS 0135) LAB

RTVF223 The Television Program: Planning and Management; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222. Majors only. — 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Tu.....11:00am-12:15pm (TWS 0131) LAB
0102 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....11:00am-12:15pm (TWS 0131) LAB
0103 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Tu.....12:30pm- 1:45pm (TWS 0131) LAB
0104 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....12:30pm- 1:45pm (TWS 0131) LAB
0105 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Tu.....2:00pm- 3:15pm (TWS 0131) LAB
0106 TuTh.....9:30am-10:45am (TWS 2154) Lancaster, D
Th.....2:00pm- 3:15pm (TWS 0131) LAB

RTVF302 (PermReq) Beginning Sound Production; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223 and consent of instructor. Majors only. — 3 credits
0101 M.....9:00am- 9:50am (TWS 1204) Hamilton, C
MW.....11:00am-12:50pm (TWS 0131) LAB
0102 M.....9:00am- 9:50am (TWS 1204) Hamilton, C
MW.....2:00pm- 3:50pm (TWS 0131) LAB

RTVF314 Introduction to the Film; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; This course does not count toward major requirements if used as U.S.P. RTVF 314 is a prerequisite for all upper level film courses. — 3 credits
0101 TuTh.....2:00pm- 4:30pm (TWS 2154) Weiss, G
0201 WF.....3:00pm- 5:30pm (TWS 2154) Marchetti, G

RTVF317 (PermReq) Radio and Television Continuity Writing; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 , 223. Majors only. — 3 credits
0101 MWF.....10:00am-10:50am (TWS 0131) STAFF
0201 MWF.....9:00am- 9:50am (TWS 0138) STAFF
0301 TuTh.....11:00am-12:15pm (TWS 0138) Shyles, L

RTVF333 (PermReq) Television and Children; Grade Method: REG/P-F/AUD; Majors only. — 3 credits
0101 MWF.....9:00am- 9:50am (TWS 0147) Parks, S

RTVF340 (PermReq) Principles of Television Production Techniques; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222 and 223 and consent of instructor. Majors only. — 3 credits
0101 M.....1:00pm- 1:50pm (TWS 2154) Sincell, C
MW.....9:00am-10:50am (TWS 0117) LAB
0102 M.....1:00pm- 1:50pm (TWS 2154) Sincell, C
MW.....11:00am-12:50pm (TWS 0117) LAB
0103 M.....1:00pm- 1:50pm (TWS 2154) Sincell, C
MW.....2:00pm- 3:50pm (TWS 0117) LAB
0104 M.....1:00pm- 1:50pm (TWS 2154) Sincell, C
TuTh.....9:00am-10:50am (TWS 0117) LAB
0105 M.....1:00pm- 1:50pm (TWS 2154) Sincell, C
TuTh.....11:00am-12:50pm (TWS 0117) LAB

RTVF347 (PermReq) Broadcast Processes and Effects; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223. Majors only. — 3 credits
0101 MWF.....10:00am-10:50am (TWS 0147) Parks, S

RTVF351 (PermReq) Television Programming; Grade Method: REG/P-F/AUD; Majors only. — 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 0147) Blum, R

RTVF356 (PermReq) Film Production I, Introduction; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222. RTVF 314 recommended. Majors only. — 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2218) Weiss, G

RTVF384 (PermReq) Field Work Experience; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Applications must be approved prior to registration. Grading satisfactory/fail only. Majors only. — 1-3 credits

RTVF385 (PermReq) Field Work Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Applications must be approved prior to registration. Must be taken with RTVF 384. Majors only. — 1-3 credits

RTVF402 (PermReq) Advanced Sound Production; Grade Method: REG; Prerequisite: RTVF 302. Majors only. — 3 credits
0101 Tu.....3:30pm- 6:30pm (TWS 0131) Tavares, F

RTVF414 (PermReq) Contemporary American Cinema; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 222. RTVF 314 is recommended. Majors only. — 3 credits
0101 TuTh.....11:00am- 1:45pm (TWS 2154) Robinson, E

RTVF417 Dramatic Writing For Broadcasting and Film; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 317. RTVF 222 and 223 are recommended. Majors only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 0138) Blum, R

RTVF418N (PermReq) The Film Auteur: Spielberg/Riedley and Recent Science Fiction; Grade Method: REG/P-F/AUD; Majors only. — 3 credits

0101 W.....1:00pm- 3:00pm (TWS 2154) Kolker, R
M.....2:00pm- 5:00pm (TWS 2154) LAB

RTVF419S Film Genres: Film and Melodrama; Grade Method: REG/P-F/AUD; Majors only. 3 credits
(PermReq)
0101 MW.....10:00am-12:00pm (TWS 2154) Kolker, R

RTVF419T Film Genres: Asian Film; Grade Method: REG/P-F/AUD; Majors only. 3 credits
(PermReq)
0101 W.....1:00pm- 3:00pm (TWS 0147) Marchetti, G
F.....12:30pm- 3:00pm (TWS 2154) LAB

RTVF425 Television and Politics; Grade Method: REG/P-F/AUD; Majors only. 3 credits
(PermReq)
0101 TuTh.....2:00pm- 3:15pm (TWS 0147) Shyles, L

RTVF440 Television Direction; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 340 and consent of instructor. Majors only. 3 credits
(PermReq)
0101 TuTh.....2:00pm- 4:45pm (TWS 0117) Lancaster, D

RTVF447 Quantitative Methods of Broadcast Research; Grade Method: REG/P-F/AUD; Prerequisite: RTVF 347. RTVF 222 and 223 are recommended. Majors only. 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (TWS 0147) STAFF

RTVF449 Television Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Variable credit 1-3, repeatable to a maximum of 6 credits. Majors only. 1-3 credits
(PermReq)

RTVF449V Television Workshop: Electronic Field Production; Grade Method: REG/P-F/AUD; Prerequisite : RTVF340. Majors only. 3 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (TWS 0131) Sincell, C

RTVF450 Radio and Television Station Management; Grade Method: REG/P-F/AUD; RTVF 222 and 223 are recommended. Majors only. 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (TWS 0138) Kirkley Jr, D

RTVF451 Broadcast Criticism; Grade Method: REG/P-F/AUD; RTVF 222 is recommended. Majors only. 3 credits
(PermReq)
0101 MWF.....10:00am-10:50am (TWS 0138) Kirkley Jr, D

RTVF456 Structure and Criticism of TV Advertising; Grade Method: REG/P-F/AUD; Majors only. 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (TWS 0147) Robinson, E

RTVF498A Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. 3 credits
(PermReq)

RTVF498C Seminar: Radio Programming and Management; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223. Majors only. 3 credits
(PermReq)
0101 M.....4:00pm- 6:40pm (TWS 0147) Patrick, W

RTVF498I Seminar: Current Issues in Communication Policy and Regulation; Grade Method: REG/P-F/AUD; Majors only. 3 credits
(PermReq)
0101 W.....4:00pm- 6:30pm (TWS 0147) Brown, D

RTVF498J Seminar: Current Topics in Mass Communication; Grade Method: REG/P-F/AUD; Majors only. 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (TWS 0154) STAFF

RTVF498V Seminar: Introduction to Visual Communication; Grade Method: REG/P-F/AUD; Prerequisites: RTVF 222 and 223. Majors only. 3 credits
(PermReq)
0101 TuTh.....2:00pm- 3:15pm (TWS 0154) Aylward, T

RTVF600 Introduction to Graduate Study in Broadcasting; Grade Method: REG/AUD; Majors only. 3 credits
0101 M.....7:00pm- 9:40pm (TWS 0135) STAFF

RTVF601 Visual Communication; Grade Method: REG/AUD; Majors only. 3 credits
0101 Th.....4:00pm- 6:40pm (TWS 0154) Aylward, T

RTVF628N Seminar in Film: Spielberg/Riedly and Recent Science Fiction; Grade Method: REG/AUD; Majors only. 3 credits
(PermReq)

0101 W.....1:00pm- 3:00pm (TWS 2154) Kolker, R
M.....2:00pm- 5:00pm (TWS 2154) LAB

RTVF629S Special Problems in Film: Film and Melodrama; Grade Method: REG/AUD; Majors only. 3 credits
(PermReq)
0101 MW.....10:00am-12:00pm (TWS 2154) Kolker, R

RTVF629T Special Problems in Film: Asian Film; Grade Method: REG/AUD; Majors only. 3 credits
(PermReq)
0101 W.....1:00pm- 3:00pm (TWS 0147) Marchetti, G
F.....12:30pm- 3:00pm (TWS 2154) LAB

RTVF648A Seminar in Broadcasting: Current Topics in Mass Communication; Grade Method: REG/AUD; Majors only. 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (TWS 0154) STAFF

RTVF699 Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. 1-3 credits
(PermReq)

RTVF799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

SLAV Slavic (Arts and Humanities)

SLAV101 Elementary Russian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 2206) STAFF
TuTh.....8:00am- 9:15am (JMZ 1122) LAB
0201 MWF.....10:00am-10:50am (JMZ 1109) STAFF
TuTh.....9:30am-10:45am (JMZ 2102) LAB
0301 MWF.....12:00pm-12:50pm (JMZ 1104) Lekic, M
TuTh.....11:00am-12:15pm (JMZ 1120) LAB
0401 MWF.....1:00pm- 1:50pm (JMZ 3205) Lekic, M
TuTh.....12:30pm- 1:45pm (JMZ 2117) LAB

SLAV102 Elementary Russian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Labs taught by M. Brin. 4 credits
0101 MW.....12:00pm-12:50pm (JMZ 1109) STAFF
TuThF.....12:00pm-12:50pm (JMZ 1109) LAB
0201 MW.....2:00pm- 2:50pm (JMZ 0122) STAFF
TuThF.....2:00pm- 2:50pm (JMZ 0122) LAB

SLAV104 Intermediate Russian; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Labs taught by M. Brin. 4 credits
0101 MW.....11:00am-11:50am (JMZ 1109) Merrill, P
TuThF.....11:00am-11:50am (JMZ 1109) LAB
0201 MW.....1:00pm- 1:50pm (JMZ 0122) Merrill, P
TuTh.....1:00pm- 1:50pm (JMZ 3203) LAB
F.....1:00pm- 1:50pm (JMZ 0122) LAB
0301 MW.....1:00pm- 1:50pm (JMZ 0122) Merrill, P
TuThF.....2:00pm- 2:50pm (JMZ 1109) LAB

SLAV210 Applied Russian Phonetics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 0202) Glad, J

SLAV281 Russian Culture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1122) Berry, T

SLAV301 Advanced Russian Grammar and Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 1120) Hitchcock, D

SLAV321 Survey of Russian Literature I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1125) Berry, T

SLAV328A 19th Century Russian Literature in Translation: From Pushkinto Dostoevsky; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits

0101 MWF.....1:00pm- 1:50pm (JMZ 3203) Berry, T

SLAV329 Soviet Literature in Translation: The Twentieth Century; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....3:00pm- 4:50pm (JMZ 3203) Lekic, M
M.....4:00pm- 4:50pm (JMZ 3203)

SLAV386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Glad, J

SLAV387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Glad, J

SLAV401 Advanced Russian Conversation I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (JMZ 3203) Glad, J

SLAV403 Advanced Russian Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3207) Hitchcock, D

SLAV419B Selected Topics in Russian Language Study: Practicum in Translation for International Diplomacy; Grade Method: REG/P-F/AUD; Students must attend an organizational meeting on 9/2/87 at 3:00 PM in Jimenez 4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 3 credits
0101 M.....12:00pm- 2:00pm (JMZ 0202) STAFF
W.....12:00pm- 1:00pm (JMZ 0202)

SLAV433 Russian Literature of the 20tn Century; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2102) Glad, J

SLAV479 Selected Topics in Slavic Linguistics: Linguistic Analysis of Russian 1; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....2:00pm- 3:50pm (JMZ 3207) Merrill, P
W.....2:00pm- 2:50pm (JMZ 3207)

SLAV489 Selected Topics in Slavic Area Studies: Old Russian Literature in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2117) Hitchcock, D

SLAV499 Directed Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SLAV499C Directed Study: Using the Microcomputer as a Translation Workstation; Grade Method: REG/AUD; For students who lack computer skills but want to take FOLA 418. Students must attend an organizational meeting on 9/3/86 at 3 PM in JMZ 4120; after that date contact Dr. Pulgram at 454-4301 or 774-2666 for schedule information and assignment of computer instruction hours. 1 credit
0101 Meets 09/02/87 - 09/29/87 Pulgram-Fleck,
TBA (JMZ 4120)

SOCY Sociology (Behavior & Social Sci)

SOCY100 Introduction to Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite for other sociology courses. 3 credits
0201 MWF.....8:00am- 9:50am (ARC 1101) Zablotsky, D
0301 MWF.....9:00am- 9:50am (ASY 1213) Neustadtl, A
0401 MWF.....10:00am-10:50am (COL 3109) Adler, M
0501 MWF.....10:00am-10:50am (ASY 3203) Queen, S
0601 MWF.....11:00am-11:50am (COL 3110) Zablotsky, D
0701 MWF.....1:00pm- 1:50pm (ASY 2309) Smith, H
0801 MWF.....1:00pm- 1:50pm (KEY 0102) Queen, S
0901 MWF.....2:00pm- 2:50pm (ASY 2309) Canjar, R
1001 TuTh.....11:00am-12:15pm (ARC 0204) Hirzel, R
1101 TuTh.....12:30pm- 1:45pm (ASY 1213) STAFF
1301 MWF.....1:00pm- 1:50pm (ASY 3207) Adler, M

SOCY100A Introduction to Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; This course is restricted to first semester freshpersons who have declared a major in one of the Behavior and Social Sciences. 3 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (ASY 1117) Pease, J
0201 TuTh.....11:00am-12:15pm (ASY 1117) Ritzer, G

SOCY100B Introduction to Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; This course is restricted to first semester freshpersons who are not declared majors in one of the Behavioral and Social Sciences. 3 credits
(PermReq)
0201 TuTh.....2:00pm- 3:15pm (ASY 2309) Hunt, L

SOCY105 Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....9:00am- 9:50am (ARC 1105) STAFF
0201 MWF.....10:00am-10:50am (ASY 1213) Snipp, C
0301 MWF.....11:00am-11:50am (SYM 0200) Finsterbusch, K
0401 MWF.....1:00pm- 1:50pm (ARC 1105) Brayfield, A
0501 TuTh.....8:00am- 9:15am (ASY 2309) Pease, J
0601 TuTh.....9:30am-10:45am (ASY 3203) STAFF

SOCY201 Introductory Statistics For Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Required for majors. Prerequisite: MATH 110 or equivalent. 4 credits
0101 MWF.....11:00am-11:50am (ASY 1213) Neustadtl, A
Tu.....8:00am-10:00am (ASY 3217) LAB
0102 MWF.....11:00am-11:50am (ASY 1213) Neustadtl, A
Tu.....10:00am-12:00pm (ASY 3217) LAB
0103 MWF.....11:00am-11:50am (ASY 1213) Neustadtl, A
Tu.....12:00pm- 2:00pm (ASY 3217) LAB
0104 MWF.....11:00am-11:50am (ASY 1213) Neustadtl, A
Tu.....2:00pm- 4:00pm (ASY 3217) LAB
0105 MWF.....11:00am-11:50am (ASY 1213) Neustadtl, A
Tu.....4:00pm- 6:00pm (ASY 3217) LAB
0106 MWF.....11:00am-11:50am (ASY 1213) Neustadtl, A
Tu.....6:00pm- 8:00pm (ASY 3217) LAB

SOCY202 Introduction to Research Methods in Sociology; Grade Method: REG/P-F/AUD; To be taken immediately after SOCY 201. Required for majors. 4 credits
0101 MWF.....11:00am-11:50am (ASY 3207) Harper, G
Th.....8:00am-10:00am (ASY 3217) LAB
0102 MWF.....11:00am-11:50am (ASY 3207) Harper, G
Th.....10:00am-12:00pm (ASY 3217) LAB
0103 MWF.....11:00am-11:50am (ASY 3207) Harper, G
Th.....1:00pm- 3:00pm (ASY 3217) LAB

SOCY203 Sociological Theory; Grade Method: REG/P-F/AUD; Required for sociology majors. 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3207) Berg, E

SOCY230 Sociological Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Relationship of groups to individual behavior; interpersonal processes. 3 credits
0101 MWF.....9:00am- 9:50am (ASY 3203) Meeker, B
0201 MWF.....12:00pm-12:50pm (ASY 3203) STAFF
0301 MWF.....2:00pm- 2:50pm (COL 3109) STAFF

SOCY300 American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (ASY 3203) Vanneman, R
0201 TuTh.....11:00am-12:15pm (ARC 1103) Hunt, L

SOCY305 Scarcity and Modern Society; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (ASY 3207) Finsterbusch, K

SOCY325 Sex Roles; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: SOCY 100 or SOCY 105. 3 credits
0101 MWF.....9:00am- 9:50am (ASY 3207) Hunt, J
0301 TuTh.....2:00pm- 3:15pm (COL 3109) Aytac, I

0401 MWF.....1:00pm- 1:50pm (ASY 3203) McIntyre, J
0501 TuTh.....9:30am-10:45am (ARM 0110) Zamani-Moghadam
0601 TuTh.....12:30pm- 1:45pm (COL 3110) Hatch, S

SOCY327 Introduction to the Study of Deviance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; No credit for students who have completed SOCY 427. 3 credits
0101 MWF.....10:00am-10:50am (TLF 0124) Baxter, S
0201 MWF.....12:00pm-12:50pm (ASY 1213) Baxter, S

SOCY330 Community Organization; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3217) Snipp, C

SOCY331 Work, Bureaucracy, and Industry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 1213) Lengermann, J

SOCY343 Sociology of Marriage and Family; Grade Method: REG/P-F/AUD; No credit given if SOCY 498, Contemporary Marriage and Family, has been taken. 3 credits
0101 MWF.....11:00am-11:50am (ASY 3203) Hunt, J
0201 MWF.....2:00pm- 2:50pm (COL 3110) Kahn, J
0301 TuTh.....12:30pm- 1:45pm (COL 3109) STAFF
0401 TuTh.....2:00pm- 3:15pm (ASY 3207) STAFF
0501 MWF.....12:00pm-12:50pm (ASY 3207) Kahn, J

SOCY386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. SOCY 386 and 387 must be taken together. 1-3 credits
(PermReq)

SOCY387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. To register, student must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. Must be taken in conjunction with SOCY 386. 1-3 credits
(PermReq)

SOCY398A Special Topics in Sociology: SOVIET SOCIETY; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3203) Parming, T

SOCY398C Special Topics in Sociology: Introduction to Computer for Social Science Majors; Grade Method: REG/P-F/AUD; 1 credit
0101 W.....3:00pm- 4:30pm (ASY 1116) Wagner, M

SOCY398J Special Topics in Sociology: Japanese Society; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3221) Imamura, A

SOCY398W Special Topics in Sociology: Work, Workers, Work Settings; Grade Method: REG/P-F/AUD; This course is a requirement in the LAB (Liberal Arts in Business) Program. Obtain permission from the Dean's Office in the College of Arts and Humanities. 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (ASY 3207) Ritzer, G

SOCY399 Independent Study in Sociology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 12 hours sociology including at least one of the following - SOCY 201, 202, or 203. No more than 6 hours of 399 is allowed for credit. 1-6 credits
(PermReq)

SOCY401 Intermediate Statistics For Sociologists; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3221) Henkel, R

SOCY425 Sex Roles and Social Institutions; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (ASY 3207) McIntyre, J

SOCY427 Deviant Behavior; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits

0101 TuTh.....9:30am-10:45am (ASY 3207) Brown, R

SOCY430 Sociology of Personality; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1103) Dager, E

SOCY431 Formal and Complex Organizations; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3203) STAFF

SOCY432 Collective Behavior; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (ASY 3215) Falabella, G

SOCY441 Social Stratification and Inequality; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 3217) Falabella, G

SOCY443 The Family and Society; Grade Method: REG/P-F/AUD; 3 credits
0201 MWF.....9:00am- 9:50am (COL 3110) Harper, G

SOCY445 Sociology of the Arts; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3219) Clignet, R

SOCY447 Small Group Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (ASY 3217) Meeker, B

SOCY464 Military Sociology; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3203) Segal, D

SOCY465 The Sociology of War; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (ASY 3221) Canjar, R

SOCY470 Rural-Urban Relations; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3219) Henkel, R

SOCY498F Selected Topics in Sociology: Laboratory for Stress and Coping; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Sa.....11:00am- 2:00pm (ASY 1117) Silbergeld, S

SOCY604 Survey Research Methods; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:00pm (ASY 1117) Robinson, J

SOCY620 Development of European and American Sociological Theory; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (ASY 1117) Ritzer, G

SOCY630 Population and Society; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (ASY 1117) Presser, H

SOCY631 Comparative Sociology; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:00pm (ASY 1117) Vanneman, R

SOCY641 Family Studies; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (ASY 4111) Dager, E

SOCY642 The Sociology of Mental Health; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:00pm (ASY 1117) Rosenberg, M

SOCY662 Theories of Formal Organization; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (ASY 1117) Hage, J

SOCY699 Special Social Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

SOCY699A Special Social Problems: Medical Sociology; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:00pm (ASY 1117) Altman, B

SOCY699C Special Social Problems: Introduction to Computer for Social Science Majors; Grade Method: REG/AUD; 1 credit
0101 W.....3:00pm- 4:30pm (ASY 1116) Wagner, M

SOCY699E Special Social Problems: Sociology of Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:00pm (ASY 4111) — Clignet, R

SOCY699M Special Social Problems: Modernity and Fragmented Thought; Grade Method: REG/AUD; — 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 4223) — Heyndels, R

SOCY699R Special Social Problems: The Rhetoric of the Social Sciences; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Brown, R

SOCY799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

SOCY819 Research Seminar in Social Psychology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Rosenberg, M

SOCY829 Research Seminar in Sociological Theory; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Ritzer, G

SOCY839 Research Seminar in Organizations and Occupations; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Hage, J

SOCY849 Research Seminar in Demography; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Presser, H

SOCY858 Research Seminar in Sex Roles; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Hunt, J

SOCY859 Research Seminar in Sociology of the Family; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Kammeyer, K

SOCY869 Research Seminar in Military Sociology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Segal, D

SOCY889 Research Seminar in Social Stratification; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Landry, L

SOCY899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

SPAN Spanish (Arts and Humanities)

Electronic laboratory for SPAN 101, SPAN 102, SPAN 103, SPAN 203 will be scheduled after classes start.

SPAN101 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair - Staff. Students with 2 or more years of high school Spanish must not register for Spanish 101 or 102. They must register for Spanish 103 or above. Students registered for Spanish 101, 102, 103 must present a copy of their high school transcript on the first day of class for proper placement. Course chairman will transfer students whose language experience necessitates higher placement. — 4 credits

0101	MTuWF.....8:00am- 8:50am (JMZ 2207)	STAFF
0301	MTuWF.....9:00am- 9:50am (JMZ 2207)	STAFF
0401	MTuWF.....9:00am- 9:50am (JMZ 1117)	STAFF
0601	MTuWF.....10:00am-10:50am (JMZ 2207)	STAFF
0701	MTuWF.....10:00am-10:50am (JMZ 1117)	STAFF
0901	MTuWF.....11:00am-11:50am (JMZ 2207)	STAFF
1001	MTuWF.....11:00am-11:50am (JMZ 1117)	STAFF
1201	MTuWF.....12:00pm-12:50pm (JMZ 2207)	STAFF
1301	MTuWF.....12:00pm-12:50pm (JMZ 1117)	STAFF
1501	MTuWF.....1:00pm- 1:50pm (JMZ 2207)	STAFF
1601	MTuWF.....1:00pm- 1:50pm (JMZ 1117)	STAFF
1801	MTuWF.....2:00pm- 2:50pm (JMZ 2207)	STAFF
1901	MTuWF.....2:00pm- 2:50pm (JMZ 1117)	STAFF
2001	MTuWF.....3:00pm- 3:50pm (JMZ 2207)	STAFF
2101	MW.....4:00pm- 6:00pm (JMZ 1117)	STAFF
2201	MW.....7:00pm- 9:00pm (JMZ 1226)	STAFF
2301	TuTh.....4:00pm- 6:00pm (JMZ 0120)	STAFF

SPAN102 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair - staff. Leads to SPAN 203. Students with 2 or more years of high school Spanish must not register for SPAN 101 or 102. They must register for SPAN 103 or above. Students registered for SPAN 101, 102, or 103 must present a copy of their high school transcript on the first day of class for proper placement. Course chairmen will transfer students whose language experience necessitates higher placement. — 4 credits

0101	MWThF.....8:00am- 8:50am (JMZ 1224)	STAFF
0201	MWThF.....9:00am- 9:50am (JMZ 1224)	STAFF
0301	MWThF.....10:00am-10:50am (JMZ 1224)	STAFF
0501	MWF.....11:00am-11:50am (JMZ 1104)	STAFF
	Th.....11:00am-11:50am (JMZ 0122)	
0601	MWThF.....11:00am-11:50am (JMZ 1224)	STAFF
0701	MWThF.....12:00pm-12:50pm (JMZ 1224)	STAFF
0801	MWThF.....1:00pm- 1:50pm (JMZ 1224)	STAFF
0901	MWF.....2:00pm- 2:50pm (JMZ 1224)	STAFF
	Th.....2:00pm- 2:50pm (JMZ 1117)	
1001	TuTh.....4:00pm- 6:00pm (JMZ 1224)	STAFF
1201	MWF.....11:00am-11:50am (ASY 3215)	STAFF
	Th.....11:00am-11:50am (JMZ 0118)	
1301	MW.....7:00pm- 9:00pm (JMZ 1117)	STAFF

SPAN102H Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair-staff. Leads to Spanish 203. — 4 credits

0101	MWThF.....10:00am-10:50am (JMZ 1224)	STAFF

SPAN103 Review of Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair - staff. For students who have had 2 years of high school Spanish. Those with 3 years or more must register for SPAN 203 or above. — 4 credits

0101	MWF.....8:00am- 8:50am (JMZ 1226)	STAFF
	Tu.....8:00am- 8:50am (JMZ 1103)	
0201	MWF.....9:00am- 9:50am (JMZ 1103)	STAFF
	Tu.....9:00am- 9:50am (JMZ 0208)	
0301	MWF.....11:00am-11:50am (JMZ 1103)	STAFF
	Tu.....11:00am-11:50am (JMZ 0208)	
0401	MWF.....12:00pm-12:50pm (JMZ 1103)	STAFF
	Tu.....12:00pm-12:50pm (JMZ 0208)	
0501	MWF.....1:00pm- 1:50pm (JMZ 1103)	STAFF
	Tu.....1:00pm- 1:50pm (JMZ 0208)	
0601	MW.....4:00pm- 6:00pm (JMZ 1215)	STAFF
0701	MWF.....10:00am-10:50am (HBK 0117)	STAFF
	Tu.....10:00am-10:50am (JMZ 1109)	
0801	MWF.....10:00am-10:50am (JMZ 1103)	STAFF
	Tu.....10:00am-10:50am (JMZ 2122)	
0901	MTuWF.....2:00pm- 2:50pm (JMZ 1226)	STAFF
1001	MTuWF.....3:00pm- 3:50pm (JMZ 1226)	STAFF
1101	TuTh.....4:00pm- 6:00pm (JMZ 1226)	STAFF

SPAN203 Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair - staff. Students with 3-4 years of high school Spanish must register for SPAN 203 or above. — 4 credits

0101	MWThF.....8:00am- 8:50am (JMZ 0208)	STAFF
0201	MWThF.....9:00am- 9:50am (JMZ 0208)	STAFF
0301	MWThF.....10:00am-10:50am (JMZ 0208)	STAFF
0401	MWF.....10:00am-10:50am (JMZ 1226)	STAFF
	Th.....10:00am-10:50am (JMZ 2207)	
0501	MWThF.....11:00am-11:50am (JMZ 0208)	STAFF
0601	MWF.....11:00am-11:50am (JMZ 1226)	STAFF
	Th.....11:00am-11:50am (JMZ 1117)	
0701	MWThF.....12:00pm-12:50pm (JMZ 0208)	STAFF
0801	MWThF.....1:00pm- 1:50pm (JMZ 0208)	STAFF
0901	MWThF.....2:00pm- 2:50pm (JMZ 0208)	STAFF
1001	MW.....4:00pm- 6:00pm (JMZ 0208)	STAFF
1101	TuTh.....4:00pm- 6:00pm (JMZ 2122)	STAFF
1201	MW.....7:00pm-10:00pm (JMZ 2102)	STAFF

SPAN203H Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair-Staff. Not open to native speakers. — 4 credits

0101	MWThF.....10:00am-10:50am (JMZ 0208)	STAFF

SPAN204 Review of Oral and Written Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Formerly 201; follows 203. May be taken with 205 and/or 221. — 3 credits

0101	TuTh.....8:00am- 9:15am (JMZ 1226)	STAFF
0201	TuTh.....9:30am-10:45am (JMZ 1226)	STAFF
0301	TuTh.....11:00am-12:15pm (JMZ 1103)	STAFF
0401	TuTh.....12:30pm- 1:45pm (JMZ 1226)	STAFF

SPAN205 Intermediate Conversation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; May be taken concurrently with SPAN 204 and 221. — 3 credits

0101	MWF.....9:00am- 9:50am (JMZ 1215)	STAFF
0201	MWF.....10:00am-10:50am (JMZ 1211)	STAFF
0301	MWF.....11:00am-11:50am (JMZ 1215)	STAFF

SPAN221 Readings in Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; May be taken with SPAN 204 and/or 205. — 3 credits

0101	TuTh.....11:00am-12:15pm (JMZ 1226)	Gramberg, E
0301	MWF.....10:00am-10:50am (JMZ 1215)	STAFF

SPAN301 Review Grammar and Composition; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (JMZ 1103)	STAFF
0201	TuTh.....11:00am-12:15pm (JMZ 1104)	STAFF
0301	TuTh.....12:30pm- 1:45pm (JMZ 1215)	STAFF

SPAN302 Review Grammar and Composition; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (JMZ 2215F)	STAFF

SPAN311 Advanced Conversation I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair-Staff. Not open to native speakers. — 3 credits

0101	MWF.....10:00am-10:50am (JMZ 1120)	Naharro, J
0201	MWF.....12:00pm-12:50pm (JMZ 1120)	STAFF
0301	MWF.....11:00am-11:50am (JMZ 1211)	STAFF

SPAN312 Advanced Conversation II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Not open to native speakers. — 3 credits

0101	MWF.....1:00pm- 1:50pm (JMZ 1120)	Rabasa, J

SPAN316 Practicum in Translation I; Grade Method: REG/P-F/AUD; Prerequisite: SPAN 302. — 3 credits

0101	MWF.....10:00am-10:50am (JMZ 2102)	Rabasa, J

SPAN318 Translation of Technical Texts; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....2:00pm- 3:15pm (JMZ 1215)	STAFF

SPAN321 Survey of Spanish Literature: 12th-17th Century; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (JMZ 1215)	Gramberg, E

SPAN323 Survey of Spanish-American Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	MWF.....12:00pm-12:50pm (JMZ 1215)	STAFF

SPAN325 Spanish Civilization I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits

0101	MWF.....12:00pm-12:50pm (JMZ 2120)	Naharro, J

SPAN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPAN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPAN399 (PermReq) Independent Study in Spanish; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course. — 1-3 credits

SPAN401 Advanced Composition; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (JMZ 1104)	STAFF

SPAN408 Great Themes of the Hispanic Literatures: Literary Criticism; Grade Method: REG/P-F/AUD; Designed for advanced undergraduates and first year master's students. — 3 credits

0101	MWF.....11:00am-11:50am (HZF 1102)	Rabasa, J

SPAN410 Literature of the Middle Ages; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (JMZ 3120)	Gerli, M

SPAN416 Practicum in Translation V; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....11:00am-11:50am (JMZ 2102)	STAFF

SPAN448 Special Topics in Latin American Civilization: Precolumbian Indian Cultures; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (JMZ 1215)	Aguilar-Mora, J

SPAN461 The Generation of 1898 and Its Successors; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....11:00am-11:50am (JMZ 2206)	Naharro, J

SPAN480 Spanish-American Essay; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (JMZ 2102)	Aguilar-Mora, J

SPAN610 The History of the Spanish Language; Grade Method: REG/AUD; — 3 credits

0101	Tu.....2:00pm- 4:30pm (JMZ 0125)	Gerli, M

SPAN629 Seminar: the Golden Age in Spanish Literature: Cervantes: The Quijote; Grade Method: REG/AUD; — 3 credits

0101	Tu.....4:30pm- 7:00pm (JMZ 1215)	Zappala, M

SPAN699 (PermReq) Independent Study in Spanish; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPAN718 The Nineteenth Century: The Nineteenth Century: Galdos; Grade Method: REG/AUD; — 3 credits

0101	W.....4:30pm- 7:00pm (JMZ 1224)	Gramberg, E

SPAN798 Open Seminar: Workshop in Essay and Research Writing; Grade Method: REG/AUD; Mandatory to incoming graduate students. — 3 credits

0101	F.....3:30pm- 6:00pm (JMZ 1215)	Pacheco, J

SPAN799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

SPAN819 National Spanish American Literature: Prosa Modernista: Narrativa y Ensayo; Grade Method: REG/AUD; — 3 credits

0101	M.....3:30pm- 6:00pm (JMZ 0120)	Nemes, G

SPAN898A Open Seminar: Toward 1992 through Literary Texts; Grade Method: REG/AUD; — 3 credits

0101	Th.....3:30pm- 6:00pm (JMZ 1211)	Pacheco, J

SPAN898B Open Seminar: Critica Literaria Hispano Americano; Grade Method: REG/AUD; — 3 credits

0101	M.....4:30pm- 7:00pm (JMZ 2207)	Sosnowski, S

SPAN899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

---

SPCH Speech (Arts and Humanities)

SPCH100 Basic Principles of Speech Communication; Grade Method: REG/P-F/AUD; Course director - Carlson. — 3 credits

0101	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	F.....12:00pm-12:50pm (COL 3114)	DIS	
0102	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	Tu.....8:00am- 8:50am (COL 0100)	DIS	
0103	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	Tu.....1:00pm- 1:50pm (TWS 0135)	DIS	
0104	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	Th.....3:00pm- 3:50pm (JMZ 1117)	DIS	
0105	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	F.....11:00am-11:50am (TWS 0131)	DIS	
0106	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	M.....2:00pm- 2:50pm (TWS 0135)	DIS	
0107	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	F.....1:00pm- 1:50pm (COL 3114)	DIS	
0108	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	F.....12:00pm-12:50pm (TWS 0131)	DIS	
0109	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	W.....1:00pm- 1:50pm (ZOP 1234)	DIS	
0110	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	W.....9:00am- 9:50am (COL 0102)	DIS	
0112	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	Th.....2:00pm- 2:50pm (JMZ 1103)	DIS	
0113	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	Tu.....2:00pm- 2:50pm (TWS 1204)	DIS	
0114	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	Tu.....12:00pm-12:50pm (ZOP 1124)	DIS	
0115	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	Th.....1:00pm- 1:50pm (TWS 0135)	DIS	
0116	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	M.....1:00pm- 1:50pm (TWS 1204)	DIS	
0117	MW.....12:00pm-12:50pm (ZOP 1240)		STAFF
	Tu.....9:00am- 9:50am (COL 0100)	DIS	
0201	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	F.....12:00pm-12:50pm (TWS 2228)	DIS	
0202	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	M.....8:00am- 8:50am (COL 0102)	DIS	
0203	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	M.....9:00am- 9:50am (COL 0102)	DIS	
0204	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	F.....12:00pm-12:50pm (TWS 0135)	DIS	
0205	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	Th.....9:00am- 9:50am (COL 3112)	DIS	
0206	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	Th.....12:00pm-12:50pm (JMZ 2207)	DIS	
0207	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	F.....1:00pm- 1:50pm (TWS 1204)	DIS	
0208	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	M.....2:00pm- 2:50pm (TWS 2230)	DIS	
0209	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	Tu.....1:00pm- 1:50pm (JMZ 2122)	DIS	
0210	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	Tu.....2:00pm- 2:50pm (JMZ 1103)	DIS	
0211	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	W.....8:00am- 8:50am (COL 0102)	DIS	
0212	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	W.....12:00pm-12:50pm (ZOP 1228)	DIS	
0213	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	Th.....11:00am-11:50am (JMZ 2207)	DIS	
0214	MW.....1:00pm- 1:50pm (SKN 0200)		STAFF
	F.....3:00pm- 3:50pm (TWS 2230)	DIS	

SPCH107 Technical Speech Communication; Grade Method: REG/P-F/AUD; Course chairperson Wolvin. — 3 credits

0101	MWF.....8:00am- 8:50am (TWS 1202)	STAFF
0201	MWF.....8:00am- 8:50am (TWS 2212)	STAFF
0301	MWF.....9:00am- 9:50am (TWS 1202)	STAFF
0401	MWF.....9:00am- 9:50am (TWS 2228)	STAFF
0501	MWF.....10:00am-10:50am (TWS 1204)	STAFF
0601	MWF.....10:00am-10:50am (TWS 1202)	STAFF
0701	MWF.....11:00am-11:50am (TWS 1204)	STAFF
0801	MWF.....11:00am-11:50am (TWS 1202)	STAFF
0901	MWF.....12:00pm-12:50pm (TWS 1204)	STAFF
1001	MWF.....12:00pm-12:50pm (TWS 1202)	STAFF
1101	MWF.....1:00pm- 1:50pm (TWS 0131)	STAFF
1201	MWF.....1:00pm- 1:50pm (TWS 1202)	STAFF
1301	TuTh.....8:00am- 9:15am (TWS 1204)	STAFF
1401	TuTh.....9:30am-10:45am (TWS 0138)	STAFF
1501	TuTh.....9:30am-10:45am (TWS 1202)	STAFF
1601	TuTh.....11:00am-12:15pm (TWS 2230)	STAFF
1701	TuTh.....11:00am-12:15pm (ASY 3221)	STAFF
1801	TuTh.....12:30pm- 1:45pm (TWS 1202)	STAFF
1901	TuTh.....12:30pm- 1:45pm (TWS 2228)	STAFF
2001	TuTh.....2:00pm- 3:15pm (TWS 2228)	STAFF

SPCH107L (PermReq) Technical Speech Communication; Grade Method: REG/P-F/AUD; Enrollment by permission of Dean, Arts and Humanities, only. — 3 credits

0101	TuTh.....11:00am-12:15pm (TWS 1202)	STAFF
0201	TuTh.....12:30pm- 1:45pm (TWS 0138)	STAFF

SPCH125 Introduction to Interpersonal Communication; Grade Method: REG/P-F/AUD; Course chairperson - Edgar. — 3 credits

0101	MWF.....9:00am- 9:50am (TWS 2230)	STAFF
0201	MWF.....10:00am-10:50am (TWS 2230)	STAFF
0301	MWF.....11:00am-11:50am (TWS 2230)	STAFF
0401	MWF.....12:00pm-12:50pm (TWS 2230)	STAFF
0501	MWF.....1:00pm- 1:50pm (TWS 2230)	STAFF
0601	MWF.....2:00pm- 2:50pm (TWS 1204)	STAFF
0701	TuTh.....9:30am-10:45am (TWS 1204)	STAFF
0801	TuTh.....11:00am-12:15pm (JMZ 2125)	STAFF
0901	TuTh.....12:30pm- 1:45pm (TWS 0147)	STAFF
1001	TuTh.....2:00pm- 3:15pm (TWS 0135)	STAFF

SPCH200 (PermReq) Public Communication; Grade Method: REG/P-F/AUD; Open to speech majors only. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TWS 2212)	STAFF
0201	TuTh.....2:00pm- 3:15pm (TWS 2212)	STAFF

SPCH220 Group Discussion; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....8:00am- 8:50am (TWS 2228)	STAFF
0201	MWF.....10:00am-10:50am (TWS 2228)	STAFF

SPCH230 Argumentation and Debate; Grade Method: REG/P-F/AUD; — 3 credits

0101	MWF.....10:00am-10:50am (TWS 2212)	STAFF
0201	MWF.....11:00am-11:50am (TWS 2212)	STAFF
0301	TuTh.....9:30am-10:45am (TWS 2228)	STAFF
0401	TuTh.....11:00am-12:15pm (TWS 2228)	STAFF

SPCH350 Foundations of Communication Theory; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TWS 2230)	Freimuth, V

SPCH356 Rhetoric and Society; Grade Method: REG/P-F/AUD; To be taken during junior year. — 3 credits

0101	MW.....11:00am-12:15pm (COL 3109)	Doyle, T

SPCH360 The Rhetoric of Black America; Grade Method: REG/P-F/AUD; — 3 credits

0101	W.....7:00pm- 9:45pm (TWS 2228)	Niles, L

SPCH400 Introduction to Research Methodologies in Speech Communication; Grade Method: REG/P-F/AUD; To be taken during junior year. — 3 credits

0101	MW.....2:00pm- 3:15pm (TWS 2212)	STAFF

SPCH424 Business, Industrial and Government Communication; Grade Method: REG/P-F/AUD; — 3 credits

0101	W.....4:00pm- 6:45pm (TWS 0135)	Falcione, R

SPCH435 Development of Interpersonal Communication Competencies; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (TWS 2230)	Edgar, T

SPCH450 Classical and Medieval Rhetorical Theory; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101	TuTh.....4:00pm- 5:15pm (TWS 0138)	Gaines, R

SPCH460 American Public Address 1635-1900; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....9:30am-11:00am (EDU 0202)	Carlson, C

SPCH472 Nonverbal Communication; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TWS 2230)	Edgar, T

SPCH474 Communication Theory and Process; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (TWS 2212)	Fink, E

SPCH476 Foundations of Speech Behavior; Grade Method: REG/P-F/AUD; — 3 credits

0101	MW.....3:30pm- 4:45pm (TWS 2228)	Klumpp, J

SPCH488 (PermReq) Speech Communication Internship; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH489 (PermReq) Speech Communication Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH498 (PermReq) Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH498R (PermReq) Seminar: Health Communication and Mass Media; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (TWS 1204) STAFF

SPCH600 Empirical Research in Speech Communication; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:45pm (TWS 2212) Freimuth, V

SPCH628 Organization Communication: Research and Intervention: Research and Intervention Procedures in Organizational Communication; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (TWS 0135) Falcione, R

SPCH680 Speech Communication Programs in Education and Training; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:45pm (TWS 2212) Wolvin, A

SPCH688 (PermReq) Speech Communication Field Experience; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH698 (PermReq) Special Problems in Speech Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH698B Special Problems in Speech Communication: Perspective in Organizational Communication; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:45pm (TWS 2212) Wilson, C

SPCH698C Special Problems in Speech Communication: Topical Siminar in Classical Rhetoric; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (TWS 2228) Gaines, R

SPCH798 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH798J (PermReq) Independent Study: Teaching Communication; Grade Method: REG/AUD; 1-3 credits
0101 TuTh.....3:00pm- 4:15pm (TWS 1204) McCaleb, J

SPCH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

STAT Statistics and Probability (Comp, Math, & Phys Sci)

STAT100 Elementary Statistics and Probability; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses STAT 100 and MATH 111. Students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141 may not obtain credit for STAT 100. 3 credits
0101 MWF.....11:00am-11:50am (MTH B0425) STAFF
0201 MWF.....12:00pm-12:50pm (MTH B0425) STAFF
0301 MWF.....2:00pm- 2:50pm (MTH B0425) STAFF
0401 MWF.....3:00pm- 3:50pm (MTH B0425) STAFF
0501 TuTh.....11:00am-12:15pm (MTH 0104) STAFF
0601 TuTh.....12:30pm- 1:45pm (MTH 0104) STAFF

STAT386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

STAT387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

STAT400 Applied Probability and Statistics I; Grade Method: REG/P-F/AUD; Not open to mathematics graduate students. Section 0201 is a special section using microcomputers. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0403) Kudla, S
0201 TuTh.....9:30am-10:45am (MTH 1311) Kedem, B
0301 TuTh.....11:00am-12:15pm (MTH 1308) Mikulski, P
0401 MWF.....12:00pm-12:50pm (MTH 0403) Pearl, M
0501 TuTh.....2:00pm- 3:15pm (MTH 1313) Auslander, J
0701 TuTh.....9:30am-10:45am (MTH 0302) Millson, M
0801 MWF.....10:00am-10:50am (MTH 0303) Horvath, J
1201 MWF.....1:00pm- 1:50pm (MTH 1313) Cook, C
1301 MWF.....10:00am-10:50am (MTH 0304) Rosenberg, J

STAT401 Applied Probability and Statistics II; Grade Method: REG/P-F/AUD; Not open to mathematics graduate students. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 1311) Yang, G

STAT410 Introduction to Probability Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (MTH 0101) Mikulski, P

STAT411 Introduction to Stochastic Processes; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MTH 0107) Syski, R

STAT440 Sampling Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH B0423) Slud, E

STAT450 Regression and Variance Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0107) Wei, C

STAT464 Introduction to Biostatistics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MTH 1311) Fakre-Zakeri, I

STAT498A Selected Topics in Statistics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT600 Probability Theory I; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (MTH B0423) Syski, R

STAT698A Selected Topics in Probability; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT700 Mathematical Statistics I; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (MTH 0101) Wei, C

STAT740 Analysis of Variance; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH 0305) Smith, P

STAT798A Selected Topics in Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT798T Selected Topics in Statistics: Time Series; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (MTH 0407) Kedem, B

STAT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

---

TEXT Textiles (Human Ecology)

TEXT105 Textiles in Contemporary Living; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MMH 1400) Pourdeyhimi, B

TEXT150 Introduction to Textile Materials; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
M.....8:00am-10:00am (MMH 2401) LAB
0102 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
M.....10:00am-12:00pm (MMH 2401) LAB
0103 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
Tu.....1:00pm- 3:00pm (MMH 2401) LAB
0104 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
W.....8:00am-10:00am (MMH 2401) LAB
0105 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
W.....10:00am-12:00pm (MMH 2401) LAB
0106 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
Th.....1:00pm- 3:00pm (MMH 2401) LAB
0107 TuTh.....11:00am-12:15pm (MMH 1400) Block, I
F.....10:00am-12:00pm (MMH 2401) LAB

TEXT221 Apparel I; Grade Method: REG/P-F/AUD; Attendance in laboratory is required. Limited to majors. 3 credits
0101 MW.....10:00am-10:50am (MMH 1304) Camacho, J
W.....11:00am- 2:00pm (MMH 2208) LAB
0102 MW.....10:00am-10:50am (MMH 1304) Camacho, J
Tu.....8:00am-11:00am (MMH 2208) LAB
0103 MW.....10:00am-10:50am (MMH 1304) Camacho, J
Th.....8:00am-11:00am (MMH 2208) LAB

TEXT222 Apparel II; Grade Method: REG/P-F/AUD; Attendance in laboratory is required. Prerequisite: TEXT 221. 3 credits
0101 MW.....2:00pm- 5:00pm (MMH 2208) LAB Anderson, C

TEXT250 Textile Materials: Evaluation and Characterization; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 150. 3 credits
0101 MW.....1:00pm- 1:50pm (MMH 0108) Yeh, K
M.....2:00pm- 4:30pm (MMH 2201) LAB
0102 MW.....1:00pm- 1:50pm (MMH 0108) Yeh, K
W.....2:00pm- 4:30pm (MMH 2201) LAB
0103 MW.....1:00pm- 1:50pm (MMH 0108) Yeh, K
F.....1:00pm- 3:30pm (MMH 2201) LAB
0104 MW.....1:00pm- 1:50pm (MMH 0108) Yeh, K
Tu.....2:00pm- 4:30pm (MMH 2201) LAB

TEXT345 History of Costume I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (MMH 0108) Uhrig, J

TEXT355 Textile Furnishings; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 150. 3 credits
0101 MWF.....10:00am-10:50am (MMH 1400) Spivak, S

TEXT363 History of Textiles; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MMH 1304) Jung, K

TEXT365 (PermReq) Fashion Merchandising; Grade Method: REG/P-F/AUD; Limited to juniors and seniors. 3 credits
0101 TuTh.....9:30am-10:45am (MMH 1304) Wagner, J

TEXT375 Economics of the Textile and Apparel Industry; Grade Method: REG/P-F/AUD; Prerequisites; ECON 201 and 203. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0116) Dardis, R

TEXT388 Field Work and Analysis in Textiles; Grade Method: S-F; Limited to majors in textiles and consumer economics. 3-12 credits
0101 Time and room to be arranged Wagner, J

TEXT400 Research Methods; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MMH 0108) STAFF

TEXT420 Apparel Design: Draping; Grade Method: REG/P-F/AUD; Course will not be offered in spring term. Laboratory attendance is required. 3 credits
0101 MW.....8:00am-11:00am (MMH 2208) LAB Anderson, C

TEXT452 Textile Science: Chemical Structures and Properties of Fibers; Grade Method: REG/P-F/AUD; Course will be offered in fall only. Prerequisites: CHEM 103 and 104. 3 credits
0101 TuTh.....9:30am-10:30am (MMH 2401) Smith, B
TuTh.....10:30am-12:30pm (MMH 2401) LAB
0102 TuTh.....9:30am-10:30am (MMH 2401) Smith, B
TuTh.....3:30pm- 5:30pm (MMH 2401) LAB

TEXT488 (PermReq) Senior Honors Thesis; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Limited to students in the departmental honors program. 1-4 credits

TEXT498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-4 credits

TEXT498B Special Studies: Computer Simulated Merchandising; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 365 and 1303B majors with 86 or more credits. 3 credits
0101 Th.....6:00pm- 8:30pm (MMH 1314) Friedman, M

THET Theatre (Art. and Humanities)

See also RTVF and SPCH.

THET110 Introduction to the Theatre; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (SHM 2101) Housley, H
0201 MWF.....1:00pm- 1:50pm (SHM 2102) STAFF
0301 MWF.....2:00pm- 2:50pm (SHM 2101) Baker, B
0401 TuTh.....9:30am-10:45am (SHM 2101) Elam, H
0501 MWF.....2:00pm- 2:50pm (SHM 2102) STAFF
0601 MWF.....1:00pm- 1:50pm (JMZ 0220) STAFF

THET120 (PermReq) Acting Fundamentals; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....11:00am-11:50am (TWS 1228) Elam, H
TuTh.....12:20pm- 1:50pm (TWS 1228) LAB
0102 W.....11:00am-11:50am (TWS 1228) Elam, H
TuTh.....2:00pm- 3:30pm (TWS 1228) LAB
0103 W.....11:00am-11:50am (TWS 1228) Elam, H
TuTh.....3:30pm- 5:00pm (TWS 1228) LAB

THET170 Stagecraft; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
M.....1:00pm- 4:00pm (TWS 0231) LAB
0102 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
Tu.....1:00pm- 4:00pm (TWS 0231) LAB
0103 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
W.....1:00pm- 4:00pm (TWS 0231) LAB
0104 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
Th.....1:00pm- 4:00pm (TWS 0231) LAB

THET185 (PermReq) Makeup; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....,1:00pm- 2:50pm (TWS B0230G) Milton, A

THET221 (PermReq) Speech For the Stage; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 2:50pm (TWS 1228) MacArthur, C

THET273 Scenographic Techniques; Grade Method: REG/P-F/AUD; Prerequisite: THET 170. 3 credits
0101 MW.....2:00pm- 3:50pm (TWS 1218) Stowe, L

THET310 The American Theatre; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (SHM 2101) Oleary, R

THET311 Play Production; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 1204) Coleman, D

THET320 (PermReq) Intermediate Acting; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....9:00am-10:50am (TWS 0241) Patrick, M

THET330 (PermReq) Play Directing; Grade Method: REG/P-F/AUD; Prerequisites: THET 120,170. 3 credits
0101 TuTh.....3:00pm- 4:50pm (TWS 0241) MacArthur, C

THET386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET420 (PermReq) Styles and Theories of Acting; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-10:50am (TWS 0241) Patrick, M

THET429 (PermReq) Actor's Studio; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET450 American Musical Comedy; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 0241) Oleary, R

THET460 Theatre Management I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TWS 0131) Patterson, W

THET471 (PermReq) Advanced Scenic Design; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....10:00am-11:50am (TWS 1218) Stowe, L

THET474 Stage Management and Technical Direction; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 1218) Kriebs, D

THET476 (PermReq) Principles and Theories of Stage Lighting; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....1:00pm- 2:50pm (TWS 0241) Coleman, D

THET479 (PermReq) Theater Workshop; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Kriebs, D
0201 Time and room to be arranged Strange, L
0301 Time and room to be arranged Stowe, L
0401 Time and room to be arranged Coleman, D

THET480 Stage Costume History and Design I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-10:50am (TWS 1218) Milton, A

THET486 Stage Costume Construction I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:50pm (TWS B0230D) Strange, L

THET490 History of the Theatre I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (ARC 1101) STAFF

THET495 History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....11:00am-11:50am (TWS 2228) Meersman, R

THET499 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

THET499T (PermReq) Independent Study: Black Drama Workshop; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:00pm- 6:30pm (SDH 3123) Elam, H

THET600 Introduction to Graduate Study in Theatre; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:30pm (TWS 11478) Gillespie, P

THET669 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET688 Special Problems in Drama: Opera as Drama; Grade Method: REG/AUD; 3 credits
0101 Meets 09/02/87 - 10/16/87 Bentley, E
W.....1:00pm- 3:30pm (JMZ 4225)
Time and room to be arranged DIS

THET694 Historical Studies in Modern Theatre; Grade Method: REG; 3 credits
0101 M.....4:00pm- 6:30pm (TWS 0131) STAFF

THET698B (PermReq) Seminar: Studies in Theatre: Performing Brecht: A Master Class; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:30pm (TWS 0241) Bentley, E

THET788 (PermReq) Master's Tutorial; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET789 (PermReq) Master's Practicum; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

---

TXCE Textiles and Consumer Economics (Human Ecology)

TXCE608 (PermReq) Special Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE608A Special Problems: Computer Data Analysis; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Soberon-Ferrer,

TXCE610 Economics of Consumption; Grade Method: REG/AUD; 3 credits
0101 Tu.....5:00pm- 7:30pm (MMH 2210) Dardis, R

TXCE620 Consumer Behavior; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:30pm (MMH 2208) Ettenson, R

TXCE645 Fabric Structures; Grade Method: REG/AUD; Prerequisite: consent of instructor. 3 credits
0101 TBA (MMH 2212) Pourdeyhimi, B

TXCE648 Seminar in Historic Textiles; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged Block, I
0701 Time and room to be arranged Spivak, S
1601 Time and room to be arranged Anderson, C

TXCE652 Textile Marketing; Grade Method: REG/AUD; Prerequisite: TEXT 470 or consent of instructor. 3 credits
0101 TBA (MMH 2212) Wagner, J

TXCE660 Fiber Structure and Properties; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:30pm (MMH 2201) Yeh, K

TXCE670 Appearance and Sensory Properties; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:30pm- 8:30pm (MMH 2201) Block, I

TXCE699 Research Seminar; Grade Method: S-F; 1 credit
0101 M.....4:00pm- 4:50pm (MMH 1304) Smith, B

TXCE700 Consumption Analysis; Grade Method: REG/AUD; 3 credits
0101 TBA (MMH 2210) STAFF

TXCE760 Physics and Chemistry of Fibers; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Hollies, N

TXCE770 Textile Microscopy; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 5:00pm (MMH 3418) Spivak, S
W.....5:00pm- 8:30pm (MMH 2201) LAB

TXCE799 (PermReq) Master's Thesis Research: Non-Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TMCE899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits
(PermReq)

UMEI Maryland English Institute (Arts and Humanities)

UMEI001 English as a Foreign Language: Beginning; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. — No credit
(PermReq)

0101	Time and room to be arranged	STAFF

UMEI002 English as a Foreign Language: Intermediate I; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. — No credit
(PermReq)

0101	Time and room to be arranged	STAFF

UMEI003 English as a Foreign Language: Intermediate II; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. — No credit
(PermReq)

0101	Time and room to be arranged	STAFF

UMEI004 English as a Foreign Language: Intermediate III; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. — No credit
(PermReq)

0101	TuTh.....10:00am-12:00pm (JMZ 1125)	STAFF

UMEI005 Advanced English as a Foreign Language; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. — No credit
(PermReq)

0101	MTuWThF....3:00pm- 5:00pm (JMZ 1103)	STAFF
0201	WF.....10:00am-12:00pm (COL 0104)	STAFF
	MTuTh.....10:00am-12:00pm (ARC 1127)	
0301	MWF.....10:00am-12:00pm (ASY 3211)	STAFF
	TuTh.....10:00am-12:00pm (JRN 1103)	
0401	MWF.....1:00pm- 3:00pm (ASY 3215)	STAFF
	TuTh.....1:00pm- 3:00pm (JMZ 2120)	
0501	MTuWThF....8:00am-10:00am (ARC 1127)	STAFF
0601	MWF.....9:00am-11:00am (ARC 1125)	STAFF
	TuTh.....9:00am-11:00am (ARC 1123)	

UMEI005A Advanced English as a Foreign Language; Grade Method: S-F; For foreign graduate teaching assistants. — No credit
(PermReq)

0101	MWF.....11:00am- 1:00pm (TAA 1122)	STAFF
	TuTh.....11:00am- 1:00pm (JMZ 1123)	

UMEI006 English Pronunciation; Grade Method: S-F; — No credit

0101	W.....4:00pm- 6:00pm (JMZ 1226)	STAFF

URBS Institute for Urban Studies (Behavior & Social Sci)

URBS100 Introduction to Urban Studies; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits

0101	TuTh.....11:00am-12:15pm (TAA 1122)	Howland, M

URBS220 Environmental and Technological Dimensions of the Urban Community; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits

0101	TuTh.....9:30am-10:45am (LEF 1221)	Christian, C
0201	Th.....4:00pm- 6:45pm (LEF 2166)	Baum, H

URBS350 Quantitative Methods in Urban Studies; Grade Method: REG/P-F/AUD; Prerequisite: permission of instructor or one URBS course. — 3 credits

0101	MWF.....11:00am-11:50am (LEF 1208)	Chang, W

URBS386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Learning contract must be obtained in 0119 Hornbake. Must be taken concurrently with URBS 387. Contact instructor for group seminar dates. — 1-3 credits
(PermReq)

URBS387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Learning contract must be obtained from 0119 Hornbake. Must be taken with URBS 386. Contact instructor for group seminar dates. — 1-3 credits
(PermReq)

URBS397H Honors Independent Reading; Grade Method: REG; Admission to honors program in URBS. Must have faculty permission. — 3 credits
(PermReq)

0101	Time and room to be arranged	Marando, V

URBS399A Independent Study in Urban Topics; Grade Method: REG/P-F/AUD; Independent study related to internship experience. Concurrent registration with URBS 438 is possible. — 3 credits
(PermReq)

0101	Time and room to be arranged	Williams, B

URBS399I Independent Study in Urban Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits
(PermReq)

URBS399R Independent Study in Urban Topics: Independent Readings; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits
(PermReq)

URBS438 Urban Internship; Grade Method: REG/P-F/AUD; Concurrent enrollment in URBS 399A possible. See instructor for group seminar dates. — 1-6 credits
(PermReq)

0101	Time and room to be arranged	Williams, B

URBS470 Management and Administration of Metropolitan Areas; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....9:30am-10:45am (TAA 1124)	Marando, V

URBS488D Selected Topics in Urban Studies: Agricultural Research Management Seminar; Grade Method: REG/P-F/AUD; — 2 credits

0101	Tu.....4:00pm- 6:00pm (SYM 1308)	Ingle, M

URBS488P Selected Topics in Urban Studies: Poverty and Affluence Among Families and Community; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....12:30pm- 1:45pm (JMZ 0105)	STAFF

URBS488S Selected Topics in Urban Studies: Social Geography of Metropolitan Areas; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....2:00pm- 3:15pm (LEF 1201)	Christian, C

URBS488X Selected Topics in Urban Studies: Urban Problems Seminar; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....3:30pm- 4:45pm (ARC 1123)	Fogle, D

URBS601 Intermediate Research Methods; Grade Method: REG/AUD; Prerequisite: URBS 350 or equivalent and GEOG 483, or permission of instructor. — 3 credits

0101	W.....7:00pm- 9:30pm (LEF 1201)	Chang, W

URBS630 Urban Economics and Policy Analysis; Grade Method: REG/AUD; — 3 credits

0101	Th.....7:00pm- 9:30pm (LEF 1220)	Howland, M

URBS670 Urban Public Policy Analysis; Grade Method: REG/AUD; — 3 credits

0101	Tu.....6:30pm- 9:00pm (LEF 1179)	Marando, V

URBS680 Environmental and Land Use Planning; Grade Method: REG/AUD; — 3 credits

0101	M.....7:00pm- 9:30pm (LEF 1222)	Levin, M

URBS683 Social Planning and Community Development; Grade Method: REG/AUD; — 3 credits

0101	W.....4:00pm- 6:30pm (LEF 1210)	Baum, H

URBS688E Recent Developments in Urban Studies: Policy Evaluation; Grade Method: REG/AUD; — 3 credits

0101	Tu.....3:30pm- 6:15pm (LEF 2123)	Bobrow, D

URBS688K Recent Developments in Urban Studies: Community Diagnosis; Grade Method: REG/AUD; — 3 credits

0101	Th.....7:00pm- 9:40pm (PRH 0303)	McKay, R

URBS688P Recent Developments in Urban Studies: The Planning Process; Grade Method: REG/AUD; — 3 credits

0101	M.....4:00pm- 6:30pm (LEF 1179)	Corey, K

URBS689 Internship Seminar; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. See instructor for group seminar dates. Concurrent registration with URBS 698A possible. — 3-6 credits
(PermReq)

URBS698A Independent Study in Urban Topics; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Concurrent registration with URBS 689 is possible. See instructor for group seminar dates. — 3 credits
(PermReq)

URBS698I Independent Study in Urban Topics; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits
(PermReq)

URBS698R Independent Study in Urban Topics: Independent Readings; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits
(PermReq)

URBS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits
(PermReq)

WMST Women's Studies (Arts and Humanities)

Many other WMST courses are offered through various departments. See, for example, AASP 428W, ECON 374, ENGL 250, ENGL 348A, ENGL 379, GVPT 471, HIST 210, HIST 408, HLTH 471, PHED 451, SOCY 324, SOCY 325, and SOCY 343.

WMST200 Introduction to Women's Studies: Women and Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students are encouraged to take this course before registering for other courses on women. A third discussion hour will be arranged in the first lecture. — 3 credits

0101	MW.....11:00am-11:50am (HBK 0117)	Moses, C
	Time and room to be arranged DIS	
0201	W.....7:00pm- 9:00pm (ZOP 1236)	Zeiger, R
	Time and room to be arranged DIS	

WMST250 Introduction to Women's Studies: Women, Art and Culture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits

0101	TuTh.....10:00am-10:50am (HBK 0117)	King, K
	Time and room to be arranged DIS	
0201	TuTh.....11:00am-11:50am (HBK 0117)	King, K
	Time and room to be arranged DIS	

WMST350 Feminist Education Practicum; Grade Method: REG/P-F/AUD; Co-requisite: WMST 351. — 3 credits
(PermReq)

0101	Time and room to be arranged	Zeiger, R
0201	Time and room to be arranged	Moses, C
0301	Time and room to be arranged	King, K

WMST351 Feminist Education Analysis; Grade Method: REG; Co-requisite: WMST 350. — 3 credits
(PermReq)

0101	Time and room to be arranged	Zeiger, R
0201	Time and room to be arranged	Moses, C
0301	Time and room to be arranged	King, K

WMST386 Field Work; Grade Method: REG/P-F/AUD; Co-requisite: WMST 387; prerequisite: WMST 200 or 250. — 3 credits
(PermReq)

0101	M.....4:00pm- 6:00pm (Arranged)	Stark, D
	Time and room to be arranged DIS	

WMST387 Field Work Analysis; Grade Method: — 3 credits

(PermReq) REG/P-F/AUD; Co-requisite: WMST 386; prerequisite: WMST 200 or 250.

0101	M.....4:00pm- 6:00pm (Arranged)	Stark, D
	Time and room to be arranged DIS	

WMST400 Theories of Feminism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: WMST 200 or 250. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (HBK 0125)	Pratt, M

WMST490 Feminist Reconceptualizations; Grade Method: REG/P-F/AUD; Prerequisite: WMST 200 or 250, and 400, or by permission of instructor. Senior standing. Priority will be given to WMST certificate students. — 3 credits

0101	M.....2:00pm- 5:00pm (Arranged)	King, K

WMST499 Independent Study: Independent Study; Grade Method: REG/P-F/AUD; Prerequisite: 3 hours of WMST, upper division standing, and consent of instructor. — 1-3 credits
(PermReq)

0101	Time and room to be arranged	Beck, E
0201	Time and room to be arranged	King, K
0301	Time and room to be arranged	Moses, C

WMST699 Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Pre-requisite: Graduate standing and permission of instructor. — 1-3 credits
(PermReq)

WMST708 Research Seminar in Women's Studies: Feminism and Knowledge; Grade Method: REG/AUD; Hold Tuesday evenings for special lectures to be given in conjunction with this seminar. — 3 credits

0101	W.....7:00pm- 9:45pm (Arranged)	Beck, E

ZOOL Zoology (Life Sciences)

ZOOL101 General Zoology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Professor-in-charge: Linder. Laboratory supervisor: Piper. — 4 credits

0101	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	M.....12:00pm- 2:00pm (ZOP 0213) LAB	
0102	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	M.....2:00pm- 4:00pm (ZOP 0213) LAB	
0103	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Tu.....8:00am-10:00am (ZOP 0213) LAB	
0104	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Tu.....10:00am-12:00pm (ZOP 0213) LAB	
0105	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Tu.....12:00pm- 2:00pm (ZOP 0213) LAB	
0106	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Tu.....2:00pm- 4:00pm (ZOP 0213) LAB	
0107	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Tu.....4:00pm- 6:00pm (ZOP 0213) LAB	
0108	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	W.....8:00am-10:00am (ZOP 0213) LAB	
0109	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Th.....8:00am-10:00am (ZOP 0213) LAB	
0110	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Th.....10:00am-12:00pm (ZOP 0213) LAB	
0111	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Th.....12:00pm- 2:00pm (ZOP 0213) LAB	
0112	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Th.....2:00pm- 4:00pm (ZOP 0213) LAB	
0113	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	F.....8:00am-10:00am (ZOP 0213) LAB	
0114	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	F.....12:00pm- 2:00pm (ZOP 0213) LAB	
0115	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	F.....2:00pm- 4:00pm (ZOP 0213) LAB	
0116	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	M.....2:00pm- 4:00pm (ZOP 0249) LAB	
0117	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Tu.....10:00am-12:00pm (ZOP 0249) LAB	
0118	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Tu.....1:00pm- 3:00pm (ZOP 0249) LAB	
0119	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Th.....12:00pm- 2:00pm (ZOP 0249) LAB	
0120	MWF.....11:00am-11:50am (ZOP 1240)	Linder, H
	Th.....2:00pm- 4:00pm (ZOP 0249) LAB	

ZOOL201 Human Anatomy and Physiology I; Grade Method: REG/P-F/AUD; Professor-in-charge:STAFF. Laboratory supervisor: Spalding. Prerquisite: ZOOL 101 or equivalent. — 4 credits

0101	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	MF.....8:00am-10:00am (ZOP 0207) LAB	
0102	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	MF.....10:00am-12:00pm (ZOP 0205) LAB	
0103	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	MF.....10:00am-12:00pm (ZOP 0207) LAB	
0104	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	MF.....12:00pm- 2:00pm (ZOP 0205) LAB	
0105	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	MF.....12:00pm- 2:00pm (ZOP 0207) LAB	
0106	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	MF.....2:00pm- 4:00pm (ZOP 0205) LAB	
0107	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	MF.....2:00pm- 4:00pm (ZOP 0207) LAB	
0108	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	MF.....8:00am-10:00am (ZOP 0205) LAB	
0110	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	TuTh.....10:00am-12:00pm (ZOP 0205) LAB	
0111	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	TuTh.....10:00am-12:00pm (ZOP 0207) LAB	
0112	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	TuTh.....12:00pm- 2:00pm (ZOP 0205) LAB	
0113	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	TuTh.....12:00pm- 2:00pm (ZOP 0207) LAB	
0114	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	TuTh.....2:00pm- 4:00pm (ZOP 0205) LAB	
0115	TuTh.....9:00am- 9:50am (ZOP 1240)	STAFF
	TuTh.....2:00pm- 4:00pm (ZOP 0207) LAB	

ZOOL210 Animal Diversity; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Professor in charge: Vermeij. Laboratory supervisor: Edds. — 4 credits

0101	TuTh.....11:00am-11:50am (ZOP 1240)	Vermeij, G
	MF.....10:00am-12:00pm (ZOP 0271) LAB	
0102	TuTh.....11:00am-11:50am (ZOP 1240)	Vermeij, G
	MF.....12:00pm- 2:00pm (ZOP 0271) LAB	
0103	TuTh.....11:00am-11:50am (ZOP 1240)	Vermeij, G
	TuTh.....9:00am-11:00am (ZOP 0271) LAB	
0104	TuTh.....11:00am-11:50am (ZOP 1240)	Vermeij, G
	TuTh.....1:00pm- 3:00pm (ZOP 0271) LAB	
0105	TuTh.....11:00am-11:50am (ZOP 1240)	Vermeij, G
	TuTh.....3:00pm- 5:00pm (ZOP 0271) LAB	
0106	TuTh.....11:00am-11:50am (ZOP 1240)	Vermeij, G
	MF.....2:00pm- 4:00pm (ZOP 0271) LAB	
0107	TuTh.....11:00am-11:50am (ZOP 1240)	Vermeij, G
	MF.....10:00am-12:00pm (ZOP 0257) LAB	
0108	TuTh.....11:00am-11:50am (ZOP 1240)	Vermeij, G
	MF.....12:00pm- 2:00pm (ZOP 0257) LAB	
0109	TuTh.....11:00am-11:50am (ZOP 1240)	Vermeij, G
	TuTh.....9:00am-11:00am (ZOP 0257) LAB	
0110	TuTh.....11:00am-11:50am (ZOP 1240)	Vermeij, G
	TuTh.....1:00pm- 3:00pm (ZOP 0257) LAB	

ZOOL211 Cell Biology and Physiology; Grade Method: REG/P-F/AUD; Professor-in-charge:Colombini.Lecturers: Colombini, Goode, Higgins, Levitan, Olek, and Shapiro. Laboratory supervisor: Staff. Prerequisite: CHEM 103. — 4 credits

0101	MWF.....11:00am-11:50am (ZOP 1250)	Colombini, M
	M.....2:00pm- 5:00pm (ZOP 0283) LAB	
0102	MWF.....11:00am-11:50am (ZOP 1250)	Colombini, M
	Tu.....9:00am-12:00pm (ZOP 0283) LAB	
0103	MWF.....11:00am-11:50am (ZOP 1250)	Colombini, M
	Tu.....2:00pm- 5:00pm (ZOP 0283) LAB	
0104	MWF.....11:00am-11:50am (ZOP 1250)	Colombini, M
	W.....2:00pm- 5:00pm (ZOP 0283) LAB	
0105	MWF.....11:00am-11:50am (ZOP 1250)	Colombini, M
	Th.....9:00am-12:00pm (ZOP 0283) LAB	
0106	MWF.....11:00am-11:50am (ZOP 1250)	Colombini, M
	Th.....2:00pm- 5:00pm (ZOP 0283) LAB	
0107	MWF.....11:00am-11:50am (ZOP 1250)	Colombini, M
	W.....6:00pm- 9:00pm (ZOP 0283) LAB	
0108	MWF.....11:00am-11:50am (ZOP 1250)	Colombini, M
	F.....2:00pm- 5:00pm (ZOP 0283) LAB	

ZOOL212 Ecology, Evolution and Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Professor-in-charge: Gill. — 4 credits

0101	MWF.....1:00pm- 1:50pm (ZOP 1243)	Gill, D
	M.....2:00pm- 5:00pm (ZOP 0275) LAB	
0102	MWF.....1:00pm- 1:50pm (ZOP 1243)	STAFF
	Tu.....2:00pm- 5:00pm (ZOP 0275) LAB	
0103	MWF.....1:00pm- 1:50pm (ZOP 1243)	STAFF
	W.....2:00pm- 5:00pm (ZOP 0275) LAB	
0104	MWF.....1:00pm- 1:50pm (ZOP 1243)	STAFF
	Th.....9:00am-12:00pm (ZOP 0275) LAB	
0106	MWF.....1:00pm- 1:50pm (ZOP 1243)	STAFF
	Tu.....9:00am-12:00pm (ZOP 0276) LAB	
0107	MWF.....1:00pm- 1:50pm (ZOP 1243)	STAFF
	Th.....2:00pm- 5:00pm (ZOP 0275) LAB	

ZOOL213 Genetics; Grade Method: REG/P-F/AUD; Prerequisite: An introductory course in biology and one semester of organic chemistry. — 4 credits

0101	MWF.....9:00am- 9:50am (ZOP 1240)	Barnett, A
	M.....2:00pm- 5:00pm (ZOP 0245) LAB	
0102	MWF.....9:00am- 9:50am (ZOP 1240)	Barnett, A
	Tu.....2:00pm- 5:00pm (ZOP 0245) LAB	
0103	MWF.....9:00am- 9:50am (ZOP 1240)	Barnett, A
	W.....1:00pm- 4:00pm (ZOP 0245) LAB	
0105	MWF.....9:00am- 9:50am (ZOP 1240)	Barnett, A
	F.....12:00pm- 3:00pm (ZOP 0245) LAB	
0106	MWF.....9:00am- 9:50am (ZOP 1240)	Barnett, A
	Tu.....9:00am-12:00pm (ZOP 0245) LAB	

ZOOL299 Supplemental Study in Zoology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits
(PermReq)

ZOOL301 Biological Issues and Scientific Evidence; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: introductory biology. — 3 credits

0101	MWF.....10:00am-10:50am (ZOP 1238)	Allan, J

ZOOL308H Honors Seminar; Grade Method: REG/P-F/AUD; — 1 credit

0101	Time and room to be arranged	Inouye, D

ZOOL309H Honors Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: paticipation in honors program. — 1-4 credits
(PermReq)

ZOOL318H Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program. — 1-2 credits
(PermReq)

ZOOL319 Special Problems in Zoology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, consent of instructor. — 1-2 credits
(PermReq)

ZOOL326 Biology of Reproduction; Grade Method: REG/P-F/AUD; — 3 credits

0101	TuTh.....11:00am-12:15pm (ZOP 1243)	Carter-Porges,

ZOOL328B Selected Topics in Zoology: Laboratory Techniques in Animal Behavior; Grade Method: REG/P-F/AUD; — 2-4 credits
(PermReq)

0101	Time and room to be arranged	Carter-Porges,

ZOOL328C Selected Topics in Zoology: Experimental Behavioral Endocrinology; Grade Method: REG/P-F/AUD; — 2-4 credits
(PermReq)

0101	Time and room to be arranged	Carter-Porges,

ZOOL328Z Selected Topics in Zoology: Field Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the ZOOL major requirements. — 1-3 credits
(PermReq)

ZOOL381 Natural History of the Chesapeake Bay; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: a course in biological sciences or permission of instructor. — 3 credits

0101	MWF.....12:00pm-12:50pm (ZOP 1250)	Small, E

ZOOL411 Cell Biology; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 211 and ZOOL 213, CHEM 243 or CHEM 245, MATH 140 or MATH 220 or permission. — 4 credits

0101	MWF.....11:00am-11:50am (ZOP 2283)	Ades, I
	Tu.....1:00pm- 5:00pm (ZOP 2271) LAB	

0102	MWF.....11:00am-11:50am (ZOP 2283)	Ades, I
	Th.....1:00pm- 5:00pm (ZOP 2271) LAB	
0103	MWF.....11:00am-11:50am (ZOP 2283)	Ades, I
	W.....1:00pm- 5:00pm (ZOP 2271) LAB	
ZOOL422	Vertebrate Physiology; Grade Method: REG/P-F/AUD; Professor-in-charge: Higgins. Laboratory supervisor: Staff. Prerequisites: ZOOL211 and one semester of organic chemistry or permission of instructor.	4 credits
0101	MWF.....8:00am- 8:50am (ZOP 1240)	Higgins, W
	M.....2:00pm- 5:00pm (ZOP 2223) LAB	
0102	MWF.....8:00am- 8:50am (ZOP 1240)	Higgins, W
	Tu.....2:00pm- 5:00pm (ZOP 2223) LAB	
0103	MWF.....8:00am- 8:50am (ZOP 1240)	Higgins, W
	Th.....2:00pm- 5:00pm (ZOP 2223) LAB	
0106	MWF.....8:00am- 8:50am (ZOP 1240)	Higgins, W
	Th.....9:00am-12:00pm (ZOP 2223) LAB	
0108	MWF.....8:00am- 8:50am (ZOP 1240)	Higgins, W
	F.....2:00pm- 5:00pm (ZOP 2223) LAB	
0109	MWF.....8:00am- 8:50am (ZOP 1240)	Higgins, W
	M.....9:00am-12:00pm (ZOP 2223) LAB	
0110	MWF.....8:00am- 8:50am (ZOP 1240)	Higgins, W
	Tu.....9:00am-12:00pm (ZOP 2223) LAB	
0111	MWF.....8:00am- 8:50am (ZOP 1240)	Higgins, W
	W.....9:00am-12:00pm (ZOP 2223) LAB	
0112	MWF.....8:00am- 8:50am (ZOP 1240)	Higgins, W
	F.....9:00am-12:00pm (ZOP 2223) LAB	
ZOOL440	Evolution; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 210, ZOOL 212 and ZOOL 213.	3 credits
0101	TuTh.....2:00pm- 3:15pm (ZOP 1250)	Highton, R
ZOOL446	Molecular Genetics; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 213 and a course in organic chemistry.	3 credits
0101	TuTh.....11:00am-12:15pm (ZOP 2283)	Imberski, R
ZOOL460	Ethology; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 210 and ZOOL 212, a course in physiology recommended.	3 credits
0101	MWF.....10:00am-10:50am (ZOP 1250)	Willkinson, G
ZOOL482	Marine Vertebrate Zoology; Grade Method: REG/P-F/AUD; Prerequisite: Two years of Zoology including ZOOL 210 and ZOOL 213.	4 credits
0101	TuTh.....1:00pm- 1:50pm (ZOP 0263)	Clark, E
	TuTh.....2:00pm- 5:00pm (ZOP 0263) LAB	
ZOOL608I	Zoology Seminar: Microcomputers for Statistics and Graphics; Grade Method: REG/AUD;	1 credit
1701	Time and room to be arranged	Inouye, D
ZOOL608J	Zoology Seminar: Ecology, Behaviour and Evolution; Grade Method: REG/AUD; Open to all graduate students.	1 credit
0101	Tu.....12:00pm-12:50pm (ZOP 1208)	STAFF
ZOOL608O	Zoology Seminar: Molecular and Cellular Biology; Grade Method: REG/AUD; Open to all graduate students.	1 credit
1001	W.....12:00pm-12:50pm (ZOP 1208)	Goode, M
ZOOL608Q	Zoology Seminar: Protozoology; Grade Method: REG/AUD;	1 credit
2801	Time and room to be arranged	Small, E
ZOOL608Z (PermReq)	Zoology Seminar: Regulation of Gene Expression; Grade Method: REG/AUD;	1 credit
3601	F.....12:00pm-12:50pm (ZOP 1230)	Ades, I
ZOOL609	Special Problems in Zoology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
ZOOL686	Marine and Estuarine Protozoa; Grade Method: REG/AUD;	4 credits
2801	Time and room to be arranged	Small, E
	TBA (ZOP 0221) LAB	
ZOOL708A	Advanced Topics in Zoology: Molecular and Cellular Evolution; Grade Method: REG/AUD;	2 credits
1001	Tu.....7:00pm- 9:00pm (ZOP 1208)	Goode, M
ZOOL708E (PermReq)	Advanced Topics in Zoology: Eukaryotic Gene Expression; Grade Method: REG/AUD;	2 credits
4001	W.....7:00pm- 9:00pm (Arranged)	Shapiro, S
ZOOL708N (PermReq)	Advanced Topics in Zoology: Membrane Physiology; Grade Method: REG/AUD;	1 credit
3401	TBA (ZOP 1230)	Colombini, M
ZOOL799	Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-6 credits
ZOOL899	Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number.	1-8 credits

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						

PLEASE RETAIN THIS SCHEDULE THROUGHOUT THE SEMESTER

TENTATIVE SCHEDULE

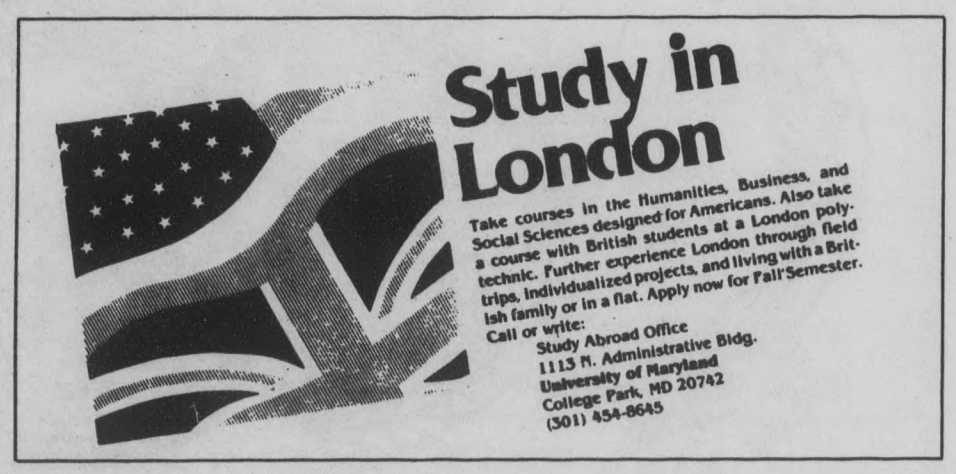
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						

PLEASE RETAIN THIS SCHEDULE THROUGHOUT THE SEMESTER

TENTATIVE SCHEDULE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8:00						
8:30						
9:00						
9:30						
10:00						
10:30						
11:00						
11:30						
12:00						
12:30						
1:00						
1:30						
2:00						
2:30						
3:00						
3:30						
4:00						
4:30						
5:00						

PLEASE RETAIN THIS SCHEDULE THROUGHOUT THE SEMESTER



We'll Give You $1,000 A Month While You Finish College

Under a special Navy Program, we're willing to give you $1,000 a month during your junior and senior years while you work toward your degree. If you are a U.S. citizen, in good health with a 3.0 GPA and looking for financial assistance to get you through your last two years, you may qualify for this special commissioning program.

Call toll free
1-800-492-0707 (MD)
or write to:

Navy Officer Programs
c/o LEADS DEPARTMENT
6525 Belcrest Road
Suite 301
Hyattsville, MD 20782-2082

THE KAPLAN CURRICULUM FOR CAREER CLIMBERS:

LSAT, GMAT, MCAT, GRE, DAT, OAT Advanced Medical Boards, TOEFL, Nursing Boards, NTE, CPA, Intro. to Law, Speed Reading,

AND MORE.

For nearly 50 years, Stanley H. Kaplan has prepared over 1 million students for admission and licensing tests. So before you take a test, prepare with the best. Kaplan. A good score may help change your life.

KAPLAN
STANLEY H. KAPLAN EDUCATIONAL CENTER LTD.

CALL DAYS, EVENINGS AND WEEKENDS. WE ARE ENROLLING NOW!

244-1456

4201 Connecticut Ave., N.W., Washington, D.C. 20008

"PEOPLE NOT PROFITS"

HOURS
MON 7³⁰ — 6
TUES. THRU FRI.
7³⁰ — 9³⁰
SAT 11 — 8
SUN 12 — 5

CUSTOM MADE SANDWICHES

ALSO
JUICES, BAGELS, BOOKS, BREAD, CHEESE, VEGETABLES, MUFFINS, YOGURT, EGGS, FRESH TEA & COFFEE, CANDLES, HERBS & SPICES, CHILI, BURRITOES, EGGROLLS, CORN CHIPS, SPINACHE PIES, COOKIES, BAKLAVA, SODAS, MILK, SALADS INSENSE, TOOTHPASTE, LOTIONS, TOOTHBRUSHES, TEE-SHIRTS, GROCERY ITEMS

BULK ITEMS
honey, oils, soaps, shampoos, maple syrup, nuts, dried fruits, grains, flour, beans, more cookies

COME IN ANYTIME and EARN $3.40 in FOOD CREDIT for volunteering 50 min.

IN THE S.U. BLDG.
BELOW HOFF THEATRE

Yes, thats the MARYLAND FOOD COOP

DORM SIZE CARPETS

PERFECT FOR YOUR ROOM

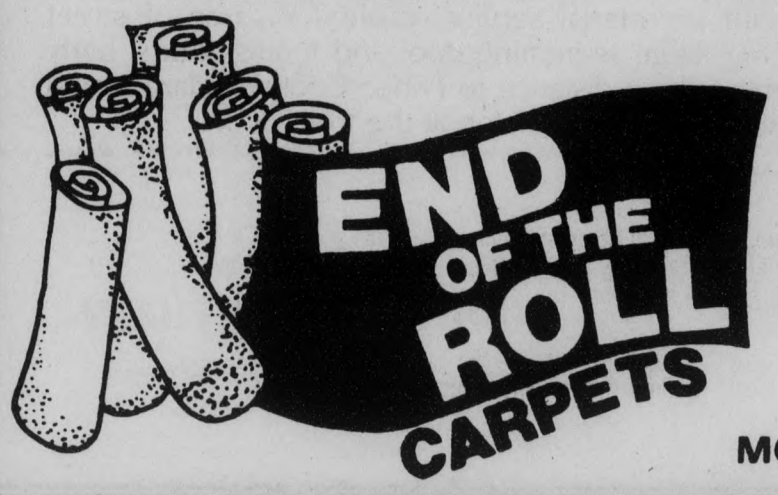
SUPER SELECTIONS OF COLORS, STYLES, SIZES & PRICES.

Quality At Your Price!

4x6 from $18
6x9 from $28
12x9 from $58
12x15 from $98
and up

FREE PAD WITH THIS AD

MANY MORE TO CHOOSE FROM



2010 UNIVERSITY BLVD.
ADELPHI, MD 434-3553

Next to TILE

MONDAY-FRIDAY 10-9, SATURDAY 10-7, SUNDAY 12-6

Italian-American Cuisine

Delicious Pizza

Banquet & Party Facilities Available

COCKTAIL LOUNGE

PACKAGE STORE

CARRY-OUT

Reservations or Take-Out
772-2100
6221
ANNAPOLIS RD.

the Italian Inn

Rt. 450. Across from Capital Plaza Shopping Center

ADVANCED TECHNOLOGY NETWORKS

MAC, ATARI, IBM

SOFTWARE, HARDWARE & ACCESSORIES

STUDENT DISCOUNTS

STOP IN AND SEE US FOR ALL YOUR COMPUTING NEEDS.

WORD PROCCESSING, DATABASES, TELECOMUNICATION
UTILITIES, EDUCATION, GAMES, etc.

A COMPUTER STORE RUN BY MARYLAND STUDENTS FOR MARYLAND STUDENTS. YOUR SATISFACTION IS OUR MAIN CONCERN.

STORE HOURS
Mon-Sat 10-6

MC VISA

COMPUTERS, SOFTWARE, DISKETTES, PRINTERS
PRINTER PAPER, DISK CASES, MAGAZINES

If we don't have it in stock.
Let us order it, and have it delivered to you shipping free!

TURBO PC-XT w/20m HDisk

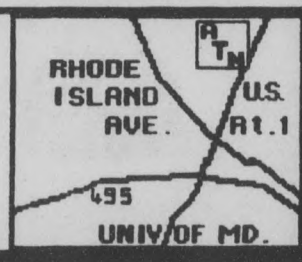
$929

1 YEAR WARRANTY

* Full IBM PC Comp
* 640K Ram
* 20Meg Seagate
* 360K Disk Drive
* Mono Monitor
* AT Style Keyboard

W/ STAR NLQ Printer - $1075.00

ADVANCED TECHNOLOGY NETWORKS
TWIN CHIMNEYS OFFICE PARK
10724 BALTIMORE AVE.(RT.1)
BELTSVILLE, MD. 20705
CALL (301) 937-3605,3606



WASHINGTON capitals

TO: University of Maryland Students

From: The Washington Capitals Hockey Team

Subject: Full-time and Part-time Employment

Earn money now with Washington's most exciting sports team. . .

THE
WASHINGTON CAPITALS!

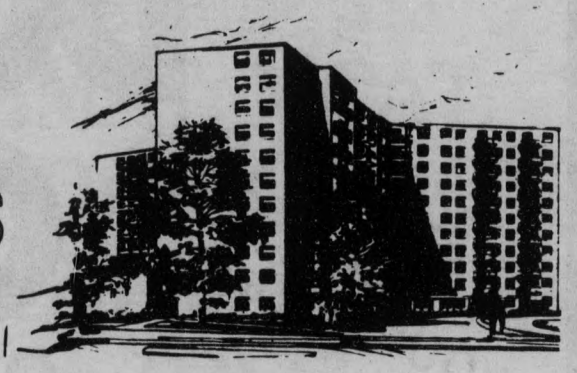
Full-time and part-time sales people are being sought for day and evening work at the Capital Centre.

Guaranteed Salary • Incentives • Bonuses

Great Experience!

Call Jerry Murphy at (301) 386-7000.

plaza towers apartments



NEWLY RENOVATED!

Located just minutes from the University of Maryland, with shuttle bus service to the front door, Plaza Towers offers convenience and luxury at extremely affordable prices, with efficiencies **$450,** one-bedrooms **$520,** and two-and three-bedrooms at comparable savings.*

Rent includes all utilities. Other special features include: individually-controlled heat and air conditioning, luxury kitchen with dishwasher and disposal, balcony or patio, 24-hour secretarial service, cable T.V., free off-street parking, large swimming pool and tennis courts, party room, walking distance to Prince George's Plaza, and a convenient Metrobus stop at the front door.

*All rents subject to change.

Rental Office: 6700 Belcrest Road
Hyattsville, Maryland
559-9100

Open Weekdays 9-5
Saturday by Appointment

INTERNATIONAL TELEMARKETING SERVICES, INC.

Growing!

$6.00/Hour Guaranteed Salary Plus Commission

Flexible Schedules Available

Day or Evening Hours

AT I.T.S. WE OFFER

- **PAID TRAINING PROGRAM**
  We'll teach you a valuable skill!
- **GROUP MEDICAL BENEFITS**
  Health, dental, life insurance
- **PROVEN ADVANCEMENT**
- **EMPLOYEE INCENTIVE PROGRAMS**
- **PAID HOLIDAYS, VACATIONS, SICK DAYS**
- **TUITION REIMBURSEMENT**

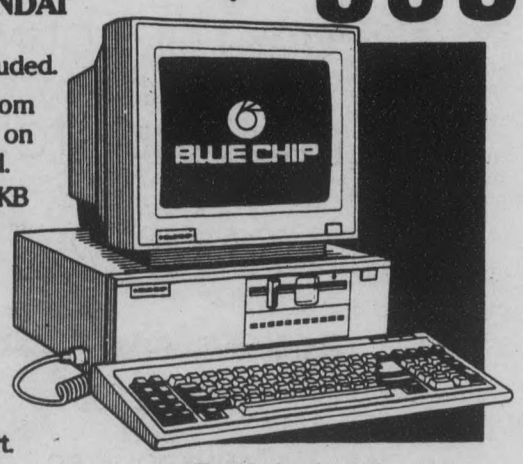
6797 Dorsey Road
Dorsey, Maryland 21227
796-0600

HI-TEC
Computers & Electronics
474-1200

Guarantee of IBM PC-XT Compatibility

$ 595

MADE BY HYUNDAI



- MS-DOS* 3.2 included.
- 512K RAM (Random Access Memory) on the mother board.
- One 5.25 inch 360KB floppy disk drive included.
- One serial (RS232C) communication port.
- One Centronics parallel printer port.
- Six expansion slots.
- 130 watt power supply. 110/220 volts, 60/50 Hz.
- 8088 16-bit central processor.
- AT style keyboard
- Hercules* compatible high resolution monochromatic video card included.

- Hard Disks
- Software
- Floppy Disks

BLUE CHIP PERSONAL COMPUTER

- Modems
- Printers
- Cables

NOW THE BEST IS BETTER
WE DELIVER

PIZZA & SUBS

at
FAMISHED
FANNY'S
4909 Greenbelt Road
College Park, Md.

474-2333

(one block off Route 1
at Greenbelt Road)

OPEN 7 DAYS A WEEK
Sun. thru Thurs. 11 AM to 12 Midnight
Fri. & Sat. till 1 AM

$1.00 CHARGE PER DELIVERY

FANNY'S NOW MAKES THEIR OWN HOMEMADE SUB ROLLS

FAMISHED FANNY'S SUBS 474-2333

	Reg.	Lrg.
Steak	2.99	5.95
Steak'n Cheese	2.99	5.95
Steak'n Egg	2.99	5.95
Steak'n Mushroom	2.99	5.95
Steak'n Green Pepper	2.99	5.95
Steak'n Bacon	2.99	5.95
Pizza Steak'n Cheese	3.35	6.70
Roast Beef	2.99	5.95
Roast Beef'n Cheese	2.99	5.95
Roast Beef'n Turkey	2.99	5.95
Ham'n Turkey	2.99	5.95
Tuna	2.99	5.95
Italian Cold Cut	2.99	5.95
Turkey	2.99	5.95
Turkey'n Cheese	2.99	5.95
Ham	2.99	5.95
Ham'n Cheese	2.99	5.95
Hamburger	2.99	5.95
Cheeseburger	2.99	5.95
Bacon Cheeseburger	3.25	6.50
Mushroom, Egg'n Cheese	2.90	5.75
Green Pepper, Egg'n Cheese	2.90	5.75
Meatball'n Cheese	2.99	5.95

YOUR CHOICE OF AMERICAN, PROVOLONE, OR SWISS CHEESE

FROM FANNY'S FARM
MOST SUBS SERVED WITH LETTUCE, TOMATO, MAYO, ONION & PICKLE AT NO EXTRA COST.
HOT PEPPERS 15¢ EXTRA.

Fresh Dough PIZZA
12" Small: 5.00 **16" Large: 6.95**
EXTRA TOPPINGS: PEPPERONI, MUSHROOMS, GREEN PEPPERS, MEATBALLS, BACON, ONION AND SAUSAGE.
Small: 1.00 **Large: 1.25**
EXTRA CHEESE
Small: 1.25 **Large: 2.00**

FANNY'S FINEST
A PIZZA WITH A LITTLE OF EVERYTHING
Small: 9.25 **Large: 11.95**

STUFFED PIZZA 9.95

VALUABLE

$1.00 OFF A LARGE VEAL PARMESAN SUB
(one coupon per person)
Schedule of Classes
Not valid with any other coupon ***Expires December '87***

VALUABLE

$1.00 OFF A LARGE MEATBALL & CHEESE SUB
(one coupon per person)
Schedule of Classes
Not valid with any other coupon ***Expires December '87***

VALUABLE

BRAND NEW

$2.00 OFF A STUFFED PIZZA
(one coupon per person)
Schedule of Classes
Not valid with any other coupon ***Expires December '87***

kinko's copies

FULL SERVICE
7402 Baltimore Blvd.

- Fast Copies
- Quality Papers
- Word Processing
- Cutting & Folding

SELF-SERVICE
College Park Shopping Center

- Self Serve Copies
- Passport Photos
- Apple Macintosh LaserWriter™ Center

PROFESSOR PUBLISHING
4412 Knox Road

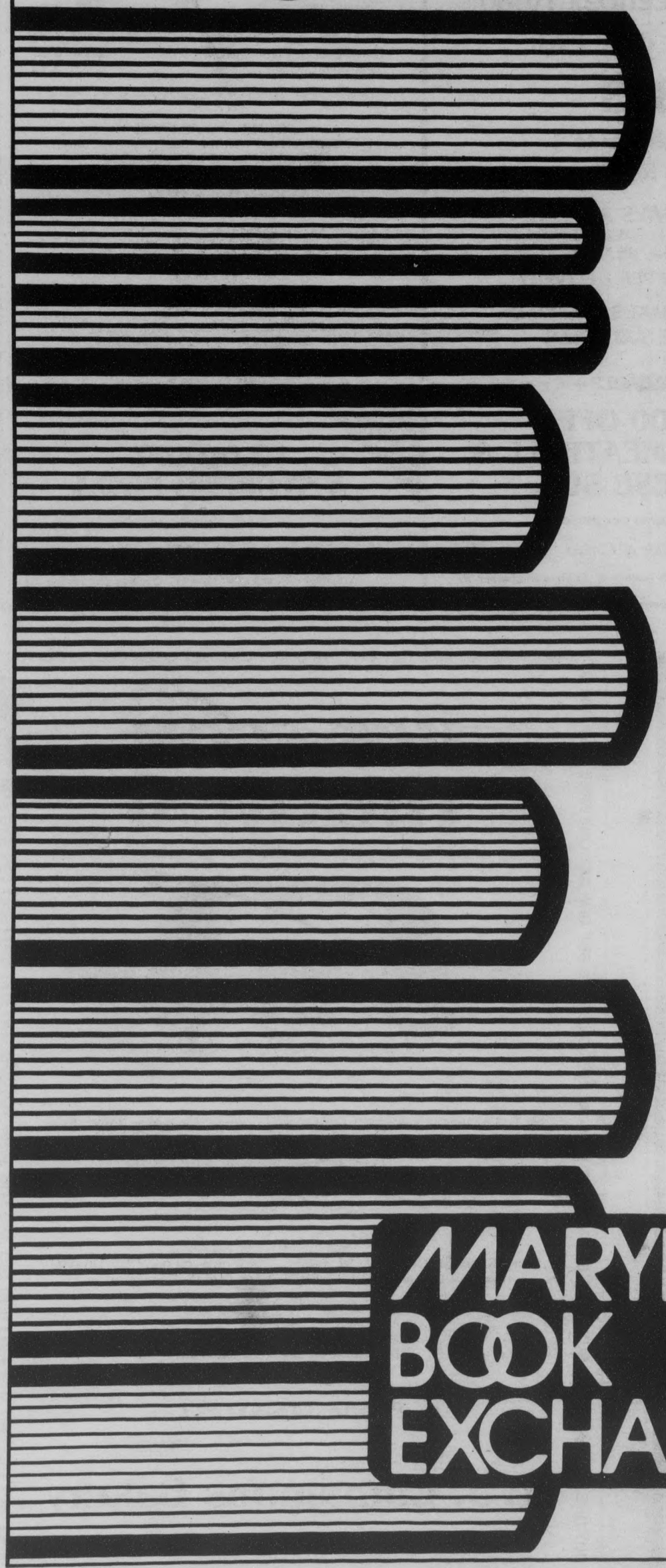
- Custom Classroom Materials

OPEN 24 HOURS A DAY

277-7543

BUY ONE GET ONE FREE BUY ONE GET ONE FREE BUY ONE GET ONE FREE

WELCOME BACK, STUDENTS.



SAVE 25% ON THE LARGEST STOCK OF USED TEXTBOOKS IN TERPS' TERRITORY.

You won't find a better selection anywhere! We'll book you up for the whole semester at great savings. And remember, you can always cash in on your textbooks—wherever you bought them, we'll buy them back.

For the area's largest stock of books on *any* subject, plus your biggest source for school supplies, art, drafting and engineering equipment, Terrapin sportswear and gifts, there's no other place!

STORE HOURS

Week of August 24-30, 1987	
Mon-Thurs	9am-7:30pm
Fri-Sat	9am-5pm
Sunday	closed
Week of August 31-September 6, 1987	
Mon-Tues	9am-6pm
Wed-Thurs	9am-8pm
Friday	9am-7pm
Saturday	9am-5pm
Sunday	12noon-5pm
Week of September 7-13, 1987	
Monday	closed (Labor Day)
Tues-Thurs	9am-8pm
Friday	9am-6pm
Saturday	9am-5pm
Sunday	12noon-5pm
Regular Hours Begin September 14, 1987	
Mon-Fri	9am-6pm
Saturday	9am-5pm
Sunday	12noon-5pm

MARYLAND BOOK EXCHANGE

Washington area's only Department Store for Books

At the corner of Rt. 1 and College Ave., 2½ miles off I-95, Exit 25B. 4500 College Ave., College Park, MD 20740. 927-2510.

MasterCard VISA CHOICE 51 YEARS 1936-1987